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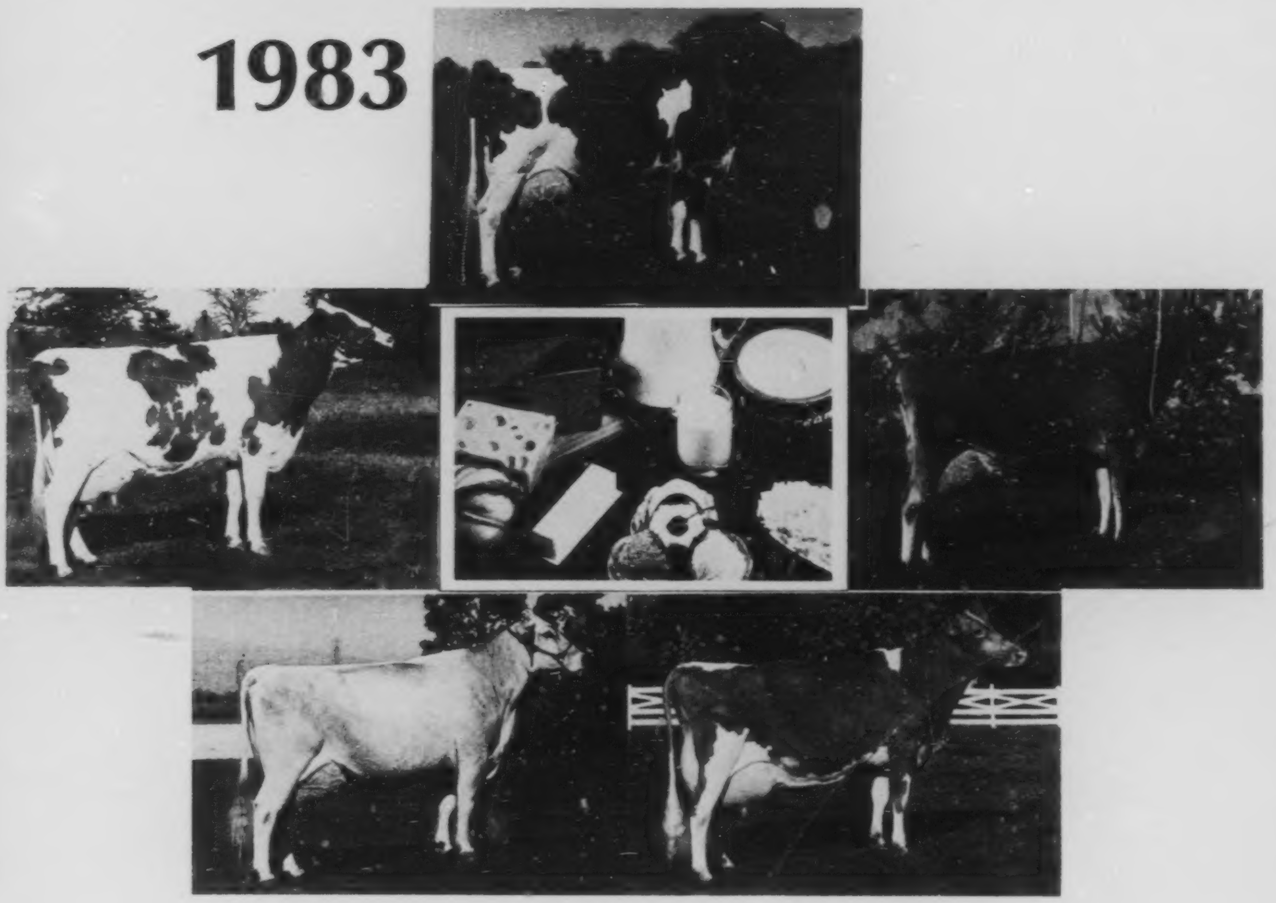
CALIFORNIA DAIRY INDUSTRY STATISTICS

1983



MANUFACTURED DAIRY PRODUCTS,
MILK PRODUCTION,
UTILIZATION AND PRICES

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FOREWORD

This is the fortieth annual report on Dairy Industry statistics issued by the California Crop and Livestock Reporting Service. It contains, for the year 1983, a summary of statistical data which was originally published monthly in the "Dairy Information Bulletin". Comparative figures for earlier years, and selected special reports relating to the Dairy Industry are also presented. All changes from previously published data represent either corrections of errors or revisions based on receipt of more complete information.

Most of the statistical data contained in this bulletin is based on reports filed by individuals and firms engaged in the production, manufacture, and distribution of milk and dairy products in California. Although it is not possible to list all of these reporters individually, their cooperation is acknowledged with appreciation.

Data pertaining to the United States and to states other than California were secured from various reports of the United States Department of Agriculture. Estimates of the population of California were obtained from reports of the California Department of Finance.

The invaluable assistance of the personnel of the Bureau of Milk Stabilization, Division of Marketing Services of the California Department of Food and Agriculture, in the compilation, organization, and presentation of data for this report is gratefully appreciated.

MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM MARKETINGS

On January 1, 1984, there were an estimated 960 thousand milk cows and heifers that had calved on farms in California. This was 20 thousand more than were estimated for January 1, 1983. The estimated number of cows milked during the year 1983 was 951 thousand. This compares with an average of 940 thousand head milked during the year 1982.

The average production of milk per cow in California during 1983 was 15,518 pounds. This was 63 pounds more than 1982. Total milk production during 1983 was 14,758 million pounds, 1.6 percent more than was produced during 1982.

Cash receipts from farm marketings of milk and cream in California during 1983 totaled approximately 1,948 million dollars. The comparable figure for 1982 was 1,941 million dollars. The increase in the annual average number of cows milked combined with the increase in average production per cow culminated in a record high production of milk in California during 1983. This production increase more than offset the effects of lower producer prices resulting in the increase in total cash receipts.

As of January 1, 1984, there was an estimated total of 11,064 thousand milk cows and heifers that had calved on farms throughout the United States. This was 11 thousand head or 0.1 percent less than the number estimated for January 1, 1983. The average number of cows milked during the year 1983 was 11,120 thousand head. This was 87 thousand head more than the average for 1982.

The average production of milk per cow in the United States during 1983 was 12,587 pounds. This was 278

TABLE 1. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, CALIFORNIA, 1965-1983

Year	Milk Cows & Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1965	858	783	10,830	395	8,480	310	403,233
1966	849	774	11,112	403	8,601	312	424,366
1967	841	765	11,375	413	8,702	316	443,121
1968	833	754	11,869	427	8,949	322	470,528
1969	816	746	11,928	431	8,898	321	477,054
1970	750	755	12,526	450	9,457	340	534,049
1971	758	763	12,726	458	9,710	350	560,925
1972	766	778	13,368	479	10,400	372	608,082
1973	789	792	13,045	470	10,332	372	692,976
1974	810	797	13,295	479	10,596	381	894,347
1975	800	800	13,566	492	10,853	394	997,202
1976	810	811	14,282	514	11,583	417	1,089,142
1977	809	827	14,472	517	11,968	427	1,182,467
1978	846	846	14,018	506	11,859	428	1,227,584
1979	860	871	14,424	512	12,563	446	1,453,330
1980	878	896	15,153	547	13,577	490	1,770,324
1981	910	923	15,437	554	14,248	512	1,943,229
1982	941	940	15,455	561	14,528	527	1,941,197
1983	940	951	15,518	557	14,758	530	1,947,565
1984	960						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

pounds above the 1982 figure and established a new record high in production per cow. Total milk production during 1983 was 139,968 million pounds, 4,166 million pounds more than in 1982.

Cash receipts from marketings of milk and cream in the United States during 1983 totaled approximately 18,808 million dollars. The comparable figure for 1982 was 18,273 million dollars.

California accounted for 10.5 percent of the milk produced in the United States during 1983 and received 10.4 percent of the cash receipts from farm marketings of milk and cream. California ranked second among the states in the average number of milk cows on farms during 1983. It also ranked second in production of milk per cow; second in total milk production; and second in cash receipts from farm marketings of milk and cream. While Washington had more milk production per cow; Wisconsin had more cows, produced more milk, and received more from farm marketings of milk and cream than did California.

Estimates of the number of milk cows and heifers that had calved on farms by county and by crop reporting district in California at the beginning of 1983 and 1984 are given in Table 4. Of the total of 962 thousand head on farms in the State on January 1, 1984, approximately 56 percent were in the San Joaquin Valley, 30 percent in Southern California, and 7 percent in the Central Coast Counties. The five leading counties were San Bernardino, Tulare, Stanislaus, Merced, and Riverside. Together these counties accounted for about 61 percent of all the milk cows in the State.

TABLE 2. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, UNITED STATES, 1965-1983

Year	Milk Cows & Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1965	16,981	14,953	8,305	307	124,180	4,592	5,037,727
1966	15,973	14,071	8,522	314	119,912	4,426	5,533,398
1967	15,129	13,415	8,851	327	118,732	4,377	5,742,231
1968	14,456	12,832	9,135	335	117,225	4,305	5,957,282
1969	13,821	12,307	9,434	346	116,108	4,264	6,195,672
1970	13,303	12,000	9,747	357	116,962	4,283	6,525,163
1971	11,909	11,842	10,009	366	118,532	4,344	6,810,804
1972	11,778	11,698	10,250	377	119,904	4,408	7,134,676
1973	11,624	11,409	10,114	370	115,385	4,221	8,080,080
1974	11,286	11,219	10,300	378	115,553	4,238	9,430,140
1975	11,211	11,140	10,352	381	115,326	4,240	9,909,334
1976	11,087	11,055	10,879	399	120,269	4,406	11,428,455
1977	11,031	10,974	11,181	409	122,698	4,483	11,751,730
1978	10,939	10,841	11,218	412	121,609	4,462	12,689,783
1979	10,839	10,743	11,488	421	123,411	4,518	14,650,237
1980	10,769	10,810	11,889	434	128,525	4,696	16,583,532
1981	10,871	10,923	12,177	443	133,013	4,843	18,127,556
1982	11,029	11,033	12,309	450	135,802	4,963	18,272,758
1983	11,075	11,120	12,587	460	139,968	5,114	18,807,586
1984	11,064						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

TABLE 3. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, BY STATES, 1983

State	Milk cows on farms 1/	Average production per milk cow		Total production on farms		Cash receipts from farm marketings of dairy products 2/
		Milk	Milk Fat	Milk	Milk Fat	
	(thousands)	(pounds)		(million pounds)		(thousand dollars)
Alabama	53	10,811	391	573	21	84,360
Alaska	1	13,500	477	14	1	2,802
Arizona	83	14,904	540	1,237	45	170,275
Arkansas	84	10,395	370	873	31	121,968
California	951	15,518	557	14,758	530	1,885,472
Colorado	76	12,987	464	987	35	134,398
Connecticut	49	13,347	487	654	24	90,720
Delaware	10	13,301	489	137	5	18,900
Florida	191	11,058	393	2,112	75	346,335
Georgia	129	10,814	394	1,395	51	200,100
Hawaii	12	11,920	408	149	5	28,869
Idaho	174	13,207	481	2,298	84	284,800
Illinois	228	11,868	439	2,706	100	361,125
Indiana	206	11,476	428	2,364	88	316,880
Iowa	385	11,270	415	4,339	160	557,964
Kansas	125	11,056	404	1,382	50	189,700
Kentucky	242	9,975	368	2,414	89	314,550
Louisiana	101	9,455	335	955	34	134,320
Maine	57	13,000	481	741	27	105,840
Maryland	123	13,049	480	1,605	59	222,880
Massachusetts	47	13,000	477	611	22	83,950
Michigan	404	13,683	501	5,528	202	735,760
Minnesota	899	12,139	441	10,913	396	1,402,049
Mississippi	94	9,394	344	883	32	123,540
Missouri	254	12,205	444	3,100	113	406,315
Montana	29	12,241	438	355	13	44,156
Nebraska	122	11,598	426	1,415	52	184,205
Nevada	17	14,192	500	237	8	31,088
New Hampshire	31	12,290	457	381	14	53,070
New Jersey	40	12,500	455	500	18	66,780
New Mexico	61	15,377	544	938	33	133,035
New York	940	12,437	450	11,691	423	1,557,690
North Carolina	133	12,865	472	1,711	63	245,088
North Dakota	100	10,670	386	1,067	39	129,000
Ohio	400	11,900	440	4,760	176	638,520
Oklahoma	110	10,664	384	1,173	42	158,200
Oregon	101	13,495	506	1,363	51	172,500
Pennsylvania	735	12,939	474	9,510	348	1,262,100
Rhode Island	4	12,778	466	46	2	6,090
South Carolina	48	11,938	464	573	22	84,630
South Dakota	166	11,018	400	1,829	66	234,522
Tennessee	215	10,465	386	2,250	83	293,760
Texas	334	11,946	426	3,990	142	565,645
Utah	86	13,628	478	1,172	41	143,964
Vermont	190	12,695	471	2,412	89	335,830
Virginia	172	12,035	440	2,070	76	284,950
Washington	216	16,120	588	3,482	127	441,560
West Virginia	37	10,270	375	380	14	49,368
Wisconsin	1,845	12,900	481	23,800	888	3,073,329
Wyoming	12	11,429	408	136	5	16,770
UNITED STATES 3/	11,122	12,587	460	139,968	5,114	18,529,722

1/ Average number during year, heifers that have not freshened excluded.

2/ All milk and cream.

3/ State totals may not add to U.S. totals because of rounding.

TABLE 4. NUMBER OF MILK COWS AND HEIFERS THAT HAVE CALVED ON FARMS IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983 AND 1984 1/

County and District	1983	1984
Del Norte	2,000	2,000
Humboldt	14,300	14,000
Mendocino	1,000	1,000
North Coast	17,300	17,000
Shasta	1,300	1,200
Siskiyou	2,800	2,800
Trinity	---	---
North Central	4,100	4,000
Lassen	300	300
Modoc	100	50
Plumas	---	---
North East	400	350
Alameda	---	---
Contra Costa	2,700	2,900
Lake	---	---
Marin	14,000	14,000
Monterey	3,500	3,500
Napa	1,600	1,400
San Benito	1,300	1,300
San Francisco	---	---
San Luis Obispo	2,100	2,000
San Mateo	---	---
Santa Clara	4,200	5,100
Santa Cruz	600	300
Sonoma	36,000	38,500
Central Coast	66,000	69,000
Butte	1,400	1,500
Colusa	600	600
Glenn	13,300	12,600
Sacramento	20,000	21,200
Solano	1,300	1,600
Sutter	1,300	1,100
Tehama	3,100	3,400
Yolo	400	500
Yuba	1,600	1,200
Sacramento Valley	43,000	43,700

County and District	1983	1984
Fresno	54,000	51,000
Kern	19,000	18,000
Kings	58,000	59,000
Madera	16,000	18,000
Merced	91,000	98,000
San Joaquin	59,000	66,000
Stanislaus	104,000	102,000
Tulare	121,000	126,000
San Joaquin Valley	522,000	538,000
Alpine	---	---
Amador	50	50
Calaveras	50	50
El Dorado	50	100
Inyo	50	50
Mariposa	350	50
Mono	---	---
Nevada	50	50
Placer	550	550
Sierra	---	---
Tuolumne	50	50
Sierra Mountain	1,200	950
Imperial	500	500
Los Angeles	4,300	4,300
Orange	300	---
Riverside	92,000	96,000
San Bernardino	165,000	166,000
San Diego	17,000	15,000
Santa Barbara	4,400	4,400
Ventura	2,500	2,800
Southern California	286,000	289,000
STATE TOTAL	940,000	962,000

1/ Dairy cattle population estimated as of January 1 for each year.

COMMERCIAL PRODUCTION

Approximately 14,693 million pounds of milk were produced commercially in California during 1983. Of this amount, 14,105 million pounds were received as market grade milk and 589 million pounds were received as manufacturing grade milk. Between 1982 and 1983, the total commercial production increased 1.6 percent. Production of market grade milk increased 1.5 percent while the production of manufacturing grade milk was up 3.9 percent. Market grade milk accounted for 96.0 percent of all commercial production in 1983 compared to 96.1 percent in 1982 and 91.4 percent ten years earlier (1973).

The average milk fat content of all milk received at plants from producers in California during 1983 was 3.59 percent. That received as market milk contained an average of 3.59 percent milk fat while that received as manufacturing grade milk contained an average of 3.66 percent milk fat.

The commercial production of all milk fat in California during 1983 amounted to approximately 528 million pounds, 0.4 percent more than was produced during 1982. Market milk fat amounted to 95.9 percent of production in 1983 compared to 96.0 percent in 1982. Between 1982 and 1983, the production of market milk fat rose 0.3 percent, while that of manufacturing milk fat increased 2.9 percent.

The San Joaquin Valley accounted for 56.0 percent of all milk produced commercially in the State during 1983. It accounted for 55.4 percent of the market milk and 70.7 percent of the manufacturing milk. Approximately 30.9 percent of all milk and 32.1 percent of the market milk was produced in Southern California. The five leading counties in market milk production in the order of their importance during 1983 were: San Bernardino, Tulare, Riverside, Merced, and Stanislaus. These five counties accounted for 62.6 percent of the State's total production of market milk. The five leading counties in manufacturing milk production were: Stanislaus, Merced, Humboldt, San Joaquin and Glenn. These counties accounted for 83.4 percent of the State's total manufacturing milk production. The five leading counties in total milk production were: San Bernardino, Tulare, Merced, Stanislaus, and Riverside. They accounted for 62.6 percent of the State's total production during 1983.

TABLE 5. AVERAGE MILK-FAT TEST AND COMMERCIAL PRODUCTION OF MILK FAT AND WHOLE MILK IN CALIFORNIA, BY YEARS, 1966-1983

	Milk Fat			Average Milk-Fat Test			Whole Milk		
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(percent)			(thousand pounds)		
1966	274,577	32,697	307,274	3.62	3.78	3.63	7,591,503	865,655	8,457,158
1967	277,547	33,115	310,662	3.61	3.78	3.63	7,685,955	876,187	8,562,142
1968	287,023	30,715	317,738	3.59	3.77	3.60	8,002,052	815,387	8,817,439
1969	287,435	30,081	317,516	3.61	3.76	3.62	7,970,766	799,438	8,770,204
1970	303,336	32,395	335,731	3.58	3.74	3.59	8,481,432	865,027	9,346,459
1971	309,103	36,549	345,652	3.59	3.73	3.60	8,614,289	979,836	9,594,125
1972	327,371	41,940	369,311	3.57	3.69	3.59	9,163,369	1,136,171	10,299,540
1973	335,933	32,646	368,579	3.59	3.71	3.60	9,354,250	879,237	10,233,487
1974	351,133	26,748	377,881	3.59	3.69	3.60	9,776,188	724,765	10,500,953
1975	364,795	25,960	390,755	3.63	3.73	3.63	10,060,384	695,507	10,755,891
1976	390,950	22,562	413,512	3.59	3.75	3.60	10,886,279	602,087	11,488,366
1977	405,943	18,958	424,901	3.57	3.71	3.57	11,377,410	510,659	11,888,069
1978	408,311	16,816	425,127	3.60	3.76	3.61	11,329,087	447,648	11,776,735
1979	426,183	16,881	443,064	3.54	3.67	3.55	12,029,199	459,453	12,488,652
1980	468,324	19,050	487,374	3.60	3.68	3.60	12,998,001	517,997	13,515,998
1981	490,629	19,147	509,776	3.59	3.68	3.59	13,666,750	519,852	14,186,602
1982	504,415	20,954	525,369	3.63	3.70	3.63	13,901,010	566,472	14,467,482
1983	506,076	21,556	527,632	3.59	3.66	3.59	14,104,674	588,819	14,693,493
1980									
January	38,243	1,269	39,512	3.77	3.85	3.77	1,014,994	32,966	1,047,960
February	36,327	1,296	37,623	3.78	3.79	3.78	960,850	34,235	995,085
March	38,785	1,640	40,425	3.71	3.72	3.71	1,046,680	44,080	1,090,760
April	38,095	1,688	39,783	3.57	3.61	3.57	1,068,761	46,808	1,115,569
May	39,745	1,751	41,496	3.49	3.55	3.49	1,139,069	49,289	1,188,358
June	38,705	1,725	40,430	3.46	3.54	3.47	1,117,692	48,690	1,166,382
July	39,770	1,793	41,563	3.46	3.54	3.46	1,150,354	50,667	1,201,021
August	39,893	1,740	41,633	3.46	3.57	3.47	1,152,392	48,749	1,201,141
September	39,389	1,626	41,015	3.55	3.68	3.55	1,109,830	44,114	1,153,944
October	40,256	1,641	41,897	3.62	3.75	3.62	1,113,181	43,738	1,156,919
November	38,918	1,471	40,389	3.70	3.82	3.70	1,052,867	38,479	1,091,346
December	40,198	1,410	41,608	3.75	3.90	3.76	1,071,331	36,182	1,107,513
1981									
January	40,742	1,289	42,031	3.73	3.82	3.73	1,092,700	33,747	1,126,447
February	37,170	1,265	38,435	3.70	3.75	3.70	1,003,935	33,701	1,037,636
March	41,807	1,618	43,425	3.67	3.73	3.67	1,139,926	43,358	1,183,284
April	40,509	1,702	42,211	3.57	3.67	3.58	1,133,361	46,336	1,179,697
May	41,158	1,766	42,924	3.47	3.56	3.47	1,187,496	49,600	1,237,096
June	39,331	1,694	41,025	3.43	3.50	3.43	1,148,086	48,359	1,196,445
July	41,233	1,729	42,962	3.42	3.51	3.42	1,206,767	49,196	1,255,963
August	41,527	1,728	43,255	3.48	3.58	3.48	1,192,975	48,235	1,241,210
September	40,474	1,584	42,058	3.53	3.66	3.54	1,146,299	43,242	1,189,541
October	42,756	1,602	44,358	3.65	3.79	3.65	1,171,405	42,254	1,213,659
November	41,121	1,624	42,745	3.71	3.85	3.71	1,108,614	42,186	1,150,800
December	42,801	1,546	44,347	3.77	3.90	3.77	1,135,186	39,638	1,174,824
1982									
January	43,339	1,471	44,810	3.84	3.90	3.84	1,129,277	37,705	1,166,982
February	39,323	1,404	40,727	3.76	3.80	3.76	1,045,930	36,987	1,082,917
March	43,916	1,642	45,558	3.71	3.74	3.71	1,184,112	43,884	1,227,996
April	42,067	1,746	43,813	3.68	3.73	3.68	1,142,316	46,853	1,189,169
May	41,383	1,853	43,236	3.51	3.57	3.51	1,180,426	51,898	1,232,324
June	40,986	1,778	42,764	3.47	3.55	3.47	1,182,088	50,110	1,232,198
July	42,306	1,974	44,280	3.47	3.52	3.47	1,220,688	56,099	1,276,787
August	42,312	1,965	44,277	3.48	3.56	3.48	1,216,282	55,166	1,271,448
September	41,167	1,838	43,005	3.54	3.64	3.54	1,164,261	50,460	1,214,721
October	42,789	1,822	44,611	3.62	3.74	3.63	1,180,355	48,693	1,229,048
November	41,682	1,712	43,394	3.73	3.87	3.73	1,118,279	44,219	1,162,498
December	43,146	1,749	44,895	3.80	3.94	3.80	1,136,998	44,397	1,181,395
1983									
January	43,120	1,610	44,730	3.78	3.90	3.78	1,141,702	41,319	1,183,021
February	38,946	1,453	40,399	3.76	3.83	3.77	1,034,652	37,916	1,072,568
March	42,681	1,978	44,659	3.71	3.80	3.71	1,151,288	52,118	1,203,406
April	41,486	1,971	43,457	3.58	3.63	3.59	1,156,920	54,272	1,211,192
May	43,073	2,008	45,081	3.50	3.55	3.51	1,228,913	56,541	1,285,454
June	41,203	1,963	43,166	3.40	3.48	3.40	1,212,874	56,340	1,269,214
July	43,261	1,931	45,192	3.42	3.46	3.42	1,264,684	55,722	1,320,406
August	42,646	1,929	44,575	3.45	3.50	3.45	1,235,490	55,031	1,290,521
September	41,024	1,804	42,828	3.48	3.56	3.48	1,179,005	50,628	1,229,633
October	43,184	1,708	44,892	3.58	3.67	3.58	1,206,435	46,590	1,253,025
November	42,122	1,623	43,745	3.68	3.85	3.69	1,142,882	42,161	1,185,043
December	43,330	1,578	44,908	3.77	3.93	3.77	1,149,829	40,181	1,190,010

TABLE 6. COMMERCIAL PRODUCTION OF MILK AND MILK FAT AND AVERAGE MILK FAT TEST IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983

County and District	Milk			Milk Fat			Average Milk Fat Test 1/		
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(thousand pounds)			(percent)		
Del Norte	12,333	8,252	20,585	477	367	844	3.87	4.45	4.10
Humboldt	150,443	60,787	211,230	5,775	2,631	8,406	3.84	4.33	3.98
Mendocino	10,184	---	10,184	426	---	426	4.18	---	4.18
North Coast	172,960	69,039	241,999	6,678	2,998	9,676	3.86	4.34	4.00
Shasta	16,442	---	16,442	597	---	597	3.63	---	3.63
Siskiyou	31,060	7	31,067	1,170	---	1,170	3.76	3.54	3.76
Trinity	---	---	---	---	---	---	---	---	---
North Central	47,502	7	47,509	1,767	---	1,767	3.72	3.54	3.72
Lassen	2,165	10	2,175	80	---	80	3.71	3.68	3.71
Modoc	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---
North East	2,165	10	2,175	80	---	80	3.71	3.68	3.71
Alameda	63	2,807	2,870	2	97	99	3.71	3.46	3.47
Contra Costa	49,354	41	49,395	1,756	2	1,758	3.56	3.67	3.56
Lake	---	---	---	---	---	---	---	---	---
Marin	218,057	2,892	220,949	7,867	101	7,968	3.61	3.50	3.61
Monterey	66,262	68	66,330	2,416	2	2,418	3.65	3.72	3.65
Napa	17,296	---	17,296	635	---	635	3.67	---	3.67
San Benito	17,481	114	17,595	637	5	642	3.64	3.70	3.64
San Francisco	---	---	---	---	---	---	---	---	---
San Luis Obispo	36,106	---	36,106	1,277	---	1,277	3.54	---	3.54
San Mateo	---	---	---	---	---	---	---	---	---
Santa Clara	66,290	1,395	67,685	2,303	47	2,350	3.47	3.39	3.47
Santa Cruz	7,140	413	7,553	265	15	280	3.71	3.54	3.70
Sonoma	469,129	7,323	476,452	17,012	279	17,291	3.63	3.81	3.63
Central Coast	947,178	15,053	962,231	34,170	548	34,718	3.61	3.64	3.66
Butte	23,568	3,022	26,590	872	109	981	3.70	3.61	3.69
Colusa	6,194	167	6,361	224	6	230	3.61	3.90	3.62
Glenn	144,202	42,112	186,314	5,340	1,538	6,878	3.70	3.65	3.69
Sacramento	286,148	19,591	305,739	10,585	704	11,289	3.70	3.59	3.69
Solano	22,014	80	22,094	786	3	789	3.57	3.78	3.57
Sutter	11,595	1,618	13,213	422	64	486	3.64	3.96	3.68
Tehama	44,352	6,649	51,001	1,617	249	1,866	3.65	3.75	3.66
Yolo	8,211	---	8,211	300	---	300	3.65	---	3.65
Yuba	19,664	3,382	23,046	793	138	931	4.04	4.07	4.04
Sacramento Valley	565,948	76,621	642,569	20,939	2,811	23,750	3.70	3.67	3.70
Fresno	761,765	6,279	768,044	27,526	224	27,750	3.61	3.57	3.61
Kern	278,341	221	278,562	9,954	8	9,962	3.58	3.41	3.58
Kings	866,964	3,245	870,209	31,375	119	31,494	3.62	3.67	3.62
Madera	246,545	6,533	253,078	8,940	237	9,177	3.63	3.63	3.63
Merced	1,405,531	154,564	1,560,095	51,556	5,477	57,033	3.67	3.54	3.66
San Joaquin	948,852	44,582	993,434	34,265	1,602	35,867	3.61	3.59	3.61
Stanislaus	1,361,059	189,368	1,550,427	49,578	6,700	56,278	3.64	3.54	3.63
Tulare	1,959,562	11,390	1,970,952	71,037	411	71,448	3.62	3.61	3.62
San Joaquin Valley	7,828,619	416,182	8,244,801	284,231	14,778	299,009	3.63	3.55	3.63
Alpine	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---
El Dorado	999	---	999	36	---	36	3.65	---	3.65
Inyo	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---
Placer	12,574	75	12,649	446	3	449	3.54	3.90	3.55
Sierra	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---
Sierra Mountain	13,573	75	13,648	482	3	485	3.55	3.90	3.55
Imperial	7,010	---	7,010	261	---	261	3.73	---	3.72
Los Angeles	38,732	166	38,898	1,407	6	1,413	3.63	3.50	3.63
Orange	---	---	---	---	---	---	---	---	---
Riverside	1,492,227	4,427	1.496,654	51,962	160	52,122	3.48	3.60	3.48
San Bernardino	2,621,882	2,087	2,623,969	91,235	72	91,307	3.48	3.42	3.48
San Diego	253,029	270	253,299	8,848	10	8,858	3.50	3.54	3.50
Santa Barbara	67,016	49	67,065	2,401	2	2,403	3.58	3.82	3.58
Ventura	46,833	4,833	51,666	1,615	168	1,783	3.45	3.50	3.45
So. California	4,526,729	11,832	4,538,561	157,729	418	158,147	3.48	3.53	3.48
STATE	14,104,674	588,819	14,693,493	506,076	21,556	527,632	3.59	3.66	3.59

1/ Computed from data before rounding to thousands of pounds.

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,239,000	1,076,804	1,435,286	1,704,954	2,099,837	2,081,612	2,187,138	2,099,418	1,866,440	1,868,567	1,529,971	1,395,609
Humboldt	10,411,608	9,847,830	15,144,452	20,345,760	23,974,369	23,372,796	23,405,185	21,456,854	18,812,293	17,578,706	14,889,014	11,991,891
Mendocino	749,349	700,310	843,093	885,563	1,003,443	920,518	901,100	938,147	897,255	857,700	769,739	717,820
North Coast	12,399,957	11,624,944	17,422,831	22,936,277	27,077,649	26,374,926	26,493,423	24,494,419	21,575,988	20,304,973	17,188,724	14,105,320
Shasta	1,432,067	1,302,758	1,424,080	1,415,185	1,422,379	1,367,559	1,392,030	1,402,094	1,299,286	1,344,926	1,294,212	1,345,325
Siskiyou	478,714	2,538,761	2,901,224	2,792,523	2,988,871	2,942,074	2,959,445	2,826,798	2,663,926	2,705,921	2,588,621	2,680,893
Trinity	---	---	---	---	---	---	---	---	---	---	--	---
North Central	1,910,781	3,841,519	4,325,304	4,207,708	4,411,250	4,309,633	4,351,475	4,228,892	3,963,212	4,050,847	3,882,833	4,026,218
Lassen	190,263	161,578	183,513	187,490	190,212	174,036	198,939	197,143	162,795	178,241	178,742	171,566
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	190,263	161,578	183,513	187,490	190,212	174,036	198,939	197,143	162,795	178,241	178,742	171,566
Alameda	---	262,317	299,210	247,907	321,670	258,389	241,068	264,629	263,411	265,593	252,193	193,565
Contra Costa	3,923,956	3,604,525	4,163,427	3,990,196	4,180,215	4,163,082	4,255,769	4,298,311	3,948,424	4,324,188	4,267,204	4,275,646
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	18,209,829	16,493,292	18,383,175	18,595,068	19,498,833	18,746,343	19,260,370	19,152,139	18,175,549	18,595,026	17,778,970	18,061,064
Monterey	5,073,639	4,491,345	4,994,064	5,240,444	5,672,811	5,769,246	6,143,992	6,253,755	5,926,926	5,982,765	5,574,812	5,205,328
Napa	1,447,917	1,261,898	1,340,962	1,355,336	1,432,017	1,442,707	1,821,148	1,549,553	1,424,757	1,501,917	1,371,774	1,345,685
San Benito	1,477,303	1,347,132	1,452,519	1,375,591	1,251,585	1,404,852	1,632,167	1,654,918	1,508,925	1,498,743	1,503,899	1,487,243
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,873,566	2,596,236	2,944,034	2,980,918	3,237,543	3,216,448	3,037,848	3,359,411	3,173,119	3,093,204	2,765,390	2,828,655
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,083,545	4,625,280	5,277,525	5,192,022	5,442,609	5,370,964	6,116,173	6,635,159	6,219,110	5,877,698	5,770,427	6,075,463
Santa Cruz	778,910	673,679	719,376	619,438	640,823	598,716	598,876	584,519	565,348	581,619	585,332	606,059
Sonoma	38,785,284	35,449,026	39,388,077	39,372,080	42,014,976	40,355,048	41,820,516	41,869,883	39,263,260	40,236,960	38,650,386	39,245,752
Central Coast	77,653,949	70,804,730	78,962,369	78,969,000	83,693,082	81,325,795	84,927,927	85,622,277	80,468,829	81,957,713	78,520,387	79,324,460
Butte	2,018,131	1,922,782	2,242,740	2,211,726	2,278,644	2,313,100	2,463,774	2,470,748	2,357,455	2,218,839	2,036,130	2,055,798
Colusa	522,690	479,818	504,886	528,555	523,102	508,573	547,898	552,114	542,781	546,190	537,434	567,178
Glenn	14,530,470	13,303,227	15,255,345	15,923,632	16,827,919	16,699,140	17,491,572	17,062,250	15,630,881	15,532,687	14,383,743	13,673,711
Sacramento	23,587,584	22,762,082	24,872,183	25,192,369	26,462,686	26,484,045	27,781,194	27,532,865	25,858,551	26,236,690	24,382,148	24,587,122
Solano	1,740,920	1,587,590	1,774,514	1,737,332	1,820,588	1,789,346	1,918,332	1,965,976	1,817,535	1,801,954	1,876,666	2,262,966
Sutter	1,171,021	995,058	1,142,433	1,077,011	1,197,240	1,198,611	1,234,294	1,126,730	1,045,001	1,055,588	972,113	997,468
Tehama	3,945,524	3,530,931	3,995,355	4,053,777	4,354,900	4,401,874	4,551,720	4,637,098	4,377,792	4,617,765	4,308,316	4,224,748
Yolo	706,094	663,918	722,884	859,525	659,776	571,987	615,640	598,055	633,304	716,243	713,600	750,258
Yuba	2,679,656	2,085,979	2,262,254	1,629,496	1,870,563	1,888,864	1,886,060	1,908,476	1,800,035	1,762,495	1,620,875	1,651,429
Sacramento Valley	50,902,090	47,331,385	52,772,594	53,213,423	55,995,418	55,855,540	58,490,484	57,854,312	54,063,335	54,488,451	50,831,025	50,770,678

CONTINUED

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	63,817,694	56,301,054	62,732,877	61,085,425	67,179,218	67,041,610	68,941,072	67,546,805	64,459,567	65,282,432	61,353,687	62,302,417
Kern	23,411,728	21,443,431	24,185,123	23,554,258	24,393,250	23,951,966	24,836,575	23,858,865	21,877,206	23,042,534	21,691,278	22,315,410
Kings	68,090,410	62,397,793	71,010,824	72,725,946	73,952,677	73,740,889	78,428,038	77,363,166	73,995,335	75,361,429	71,551,671	71,589,999
Madera	19,633,190	17,906,654	20,299,397	20,238,614	21,867,578	21,973,177	22,927,869	22,813,054	21,085,146	21,406,777	21,654,577	21,272,804
Merced	119,816,310	109,764,974	122,598,839	125,929,931	134,177,315	134,786,397	143,161,219	142,061,207	135,463,087	135,932,885	127,336,204	129,067,391
San Joaquin	77,206,025	71,603,076	85,079,530	81,464,163	85,915,608	86,622,470	91,595,681	89,287,529	86,540,547	83,761,731	76,882,631	77,475,144
Stanislaus	125,582,944	113,851,215	126,715,849	126,873,187	136,231,037	135,984,994	139,854,919	138,856,396	127,534,127	129,861,272	123,884,342	125,197,152
Tulare	156,149,385	142,538,682	161,246,520	161,335,661	173,845,573	172,271,798	178,231,980	171,968,756	166,333,232	169,187,159	158,821,216	159,022,202
San Joaquin Valley	653,707,686	595,806,879	673,868,959	673,207,185	717,562,256	716,373,301	747,977,353	733,755,778	697,288,247	703,836,219	663,175,606	668,242,519
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	63,992	65,035	78,919	83,811	86,526	80,226	81,916	97,845	91,700	91,874	86,409	90,200
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	1,048,115	945,726	1,029,815	1,064,802	1,102,168	1,086,594	1,122,615	1,099,209	1,067,878	1,082,209	1,029,735	970,597
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,112,107	1,010,761	1,108,734	1,148,613	1,188,694	1,166,820	1,204,531	1,197,054	1,159,578	1,174,083	1,116,144	1,060,797
Imperial	618,992	604,513	746,896	750,615	771,083	731,681	628,983	488,117	371,230	447,912	394,311	455,517
Los Angeles	3,258,937	2,972,285	3,301,073	3,264,103	3,324,301	3,367,342	3,354,058	3,334,950	3,262,867	3,211,233	3,087,812	3,158,575
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	126,694,526	112,438,272	122,152,287	122,375,399	128,198,048	124,000,225	128,783,383	129,548,736	124,488,553	129,731,226	123,037,178	125,206,038
San Bernardino	220,483,709	195,392,299	214,914,949	216,941,918	231,915,001	225,300,593	232,766,812	219,803,491	213,735,217	223,151,122	214,529,274	215,034,747
San Diego	24,272,659	21,753,860	23,790,923	24,233,323	20,544,551	19,947,219	20,894,327	19,812,651	19,138,217	20,266,869	19,386,399	19,257,989
Santa Barbara	5,590,442	4,908,299	5,606,673	5,614,930	6,067,952	5,769,190	6,089,124	6,023,560	5,475,814	5,517,836	5,260,676	5,140,465
Ventura	4,224,626	3,915,954	4,248,562	4,141,750	4,513,573	4,517,771	4,244,896	4,160,515	4,479,830	4,708,519	4,453,916	4,055,626
Southern California	385,143,891	341,985,482	374,761,363	377,322,538	395,334,509	383,634,021	396,761,583	383,172,020	370,951,728	387,034,717	370,149,566	372,308,957
STATE TOTALS	1,183,020,724	1,072,567,278	1,203,405,667	1,211,192,234	1,285,453,070	1,269,214,072	1,320,405,715	1,290,521,895	1,229,633,712	1,253,025,244	1,185,043,027	1,190,010,515

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983

(pounds)

County and District	January	February	March	April	May	June	July	August	September	October	November	December
Del Norte	880,022	789,004	907,513	934,782	1,095,426	1,095,667	1,209,430	1,197,497	1,071,192	1,138,962	1,000,416	1,012,597
Humboldt	8,480,140	7,965,306	10,769,538	14,020,223	16,515,449	16,004,716	16,119,182	14,922,721	13,074,117	12,291,106	10,958,304	9,322,601
Mendocino	749,349	700,310	843,093	885,563	1,003,443	920,518	901,100	938,147	897,255	857,700	769,739	717,820
North Coast	10,109,511	9,454,620	12,520,144	15,840,568	18,614,318	18,020,901	18,229,712	17,058,365	15,042,564	14,287,768	12,728,459	11,053,018
Shasta	1,432,067	1,302,758	1,424,080	1,415,185	1,422,379	1,367,559	1,392,030	1,402,094	1,299,286	1,344,926	1,294,212	1,345,325
Siskiyou	478,714	2,538,761	2,901,224	2,792,523	2,988,871	2,942,074	2,959,445	2,826,798	2,663,926	2,698,452	2,588,621	2,680,893
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	1,910,781	3,841,519	4,325,304	4,207,708	4,411,250	4,309,633	4,351,475	4,228,892	3,963,212	4,043,378	3,882,833	4,026,218
Lassen	190,263	161,578	183,513	187,490	190,212	174,036	198,939	197,143	153,264	178,241	178,742	171,566
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	190,263	161,578	183,513	187,490	190,212	174,036	198,939	197,143	153,264	178,241	178,742	171,566
Alameda	---	---	---	---	52,000	---	---	---	10,916	---	---	---
Contra Costa	3,923,956	3,604,525	4,163,427	3,990,196	4,180,215	4,163,082	4,247,200	4,298,311	3,916,392	4,324,188	4,267,204	4,275,646
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	18,010,284	16,270,506	18,153,611	18,386,284	19,251,312	18,322,331	19,034,151	18,801,806	17,973,987	18,380,035	17,586,691	17,886,220
Monterey	5,061,093	4,491,345	4,980,317	5,240,444	5,672,811	5,769,246	6,143,992	6,233,559	5,926,926	5,961,637	5,574,812	5,205,328
Napa	1,447,917	1,261,898	1,340,962	1,355,336	1,432,017	1,442,707	1,821,148	1,549,553	1,424,757	1,501,917	1,371,774	1,345,685
San Benito	1,453,165	1,347,132	1,434,837	1,346,501	1,236,534	1,397,381	1,632,167	1,654,918	1,508,925	1,478,226	1,503,899	1,487,243
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,873,566	2,596,236	2,944,034	2,980,918	3,237,543	3,216,448	3,037,848	3,359,411	3,173,119	3,093,204	2,765,390	2,828,655
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,083,545	4,625,280	5,277,525	5,192,022	5,442,609	5,370,964	6,109,421	6,103,319	5,711,484	5,867,373	5,770,427	5,736,612
Santa Cruz	670,234	587,799	650,034	570,561	590,519	554,534	592,999	584,519	565,348	581,619	585,332	606,059
Sonoma	38,338,101	35,005,288	38,585,544	38,616,039	41,387,112	39,654,473	41,219,430	41,315,983	38,734,622	39,533,863	38,038,454	38,699,754
Central Coast	76,861,861	69,790,009	77,530,291	77,678,301	82,482,672	79,891,166	83,838,356	83,901,379	78,946,476	80,722,062	77,463,983	78,071,202
Butte	1,784,053	1,695,852	1,941,236	1,894,318	1,984,557	2,024,198	2,185,428	2,205,601	2,118,716	1,989,646	1,844,303	1,900,325
Colusa	507,404	464,999	485,746	507,827	508,173	494,117	533,768	538,654	530,661	534,873	528,471	559,285
Glenn	11,481,597	10,490,856	11,764,443	12,111,054	12,880,032	12,704,773	13,304,515	12,658,546	12,255,617	12,277,677	11,396,494	10,876,729
Sacramento	22,341,428	20,567,277	23,171,882	23,246,332	24,418,982	24,572,950	25,736,348	25,588,402	24,294,317	24,877,983	23,525,448	23,806,767
Solano	1,730,002	1,587,590	1,721,912	1,737,332	1,811,038	1,789,346	1,918,332	1,965,976	1,814,098	1,801,954	1,876,666	2,259,426
Sutter	1,073,582	900,594	1,001,499	944,884	1,021,370	1,025,961	1,067,838	968,167	902,231	917,923	866,524	904,492
Tehama	3,404,442	3,057,486	3,470,188	3,502,872	3,701,961	3,821,847	3,965,591	4,030,144	3,815,654	4,024,197	3,731,922	3,825,081
Yolo	706,094	663,918	722,884	859,525	659,776	571,987	615,640	598,055	633,304	716,243	713,600	750,258
Yuba	1,582,766	1,416,395	1,524,125	1,553,342	1,761,203	1,781,269	1,776,233	1,802,557	1,717,378	1,591,288	1,559,744	1,597,601
Sacramento Valley	44,611,368	40,844,967	45,803,915	46,357,486	48,747,092	48,786,448	51,103,693	50,356,102	48,081,976	48,731,784	46,043,172	46,479,964

CONTINUED

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	63,335,637	55,629,483	61,921,352	60,636,898	66,669,390	66,689,229	68,516,458	67,119,892	63,711,947	64,979,465	60,817,612	61,737,152
Kern	23,411,728	21,423,465	24,185,123	23,554,258	24,393,250	23,937,767	24,836,575	23,768,762	21,796,286	23,042,534	21,675,716	22,315,410
Kings	67,851,968	62,113,939	69,980,430	72,263,578	73,852,297	73,509,116	78,408,000	76,829,500	73,864,848	75,307,633	71,435,150	71,547,227
Madera	19,092,344	17,328,466	19,138,002	19,813,352	21,405,755	21,519,151	22,473,566	21,982,928	20,651,855	20,975,073	21,254,608	20,910,747
Merced	110,277,860	101,530,259	114,245,052	111,960,330	119,417,064	120,119,690	127,569,982	127,033,789	120,946,049	121,980,223	114,380,269	116,070,809
San Joaquin	74,341,362	68,090,332	76,641,771	76,021,651	81,545,146	83,376,236	87,518,680	86,341,452	83,924,298	81,331,062	74,487,770	75,232,226
Stanislaus	109,397,784	100,281,007	110,433,186	111,377,441	118,794,628	118,072,984	122,885,069	122,091,085	111,665,929	115,144,212	109,654,212	111,261,798
Tulare	154,976,955	142,105,161	159,801,880	159,470,760	173,110,281	170,822,773	177,602,422	170,820,968	165,812,742	168,426,542	158,399,416	158,211,936
San Joaquin Valley	622,685,638	568,502,112	636,346,796	635,098,268	679,187,811	678,046,946	709,810,752	695,988,376	662,373,954	671,186,744	632,104,753	637,287,305
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	63,992	65,035	78,919	83,811	86,526	80,226	81,916	97,845	91,700	91,874	86,409	90,200
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	987,028	945,726	1,029,815	1,064,802	1,102,168	1,072,576	1,122,615	1,099,209	1,067,878	1,082,209	1,029,735	970,597
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,051,020	1,010,761	1,108,734	1,148,613	1,188,694	1,152,802	1,204,531	1,197,054	1,159,578	1,174,083	1,116,144	1,060,797
Imperial	618,992	604,513	746,896	750,615	271,083	731,681	628,983	488,117	371,230	447,912	394,311	455,517
Los Angeles	3,258,937	2,972,285	3,301,073	3,264,103	3,324,301	3,367,342	3,354,058	3,334,950	3,109,472	3,211,233	3,075,856	3,158,575
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	126,310,472	112,017,614	121,633,108	122,096,939	127,755,931	123,526,379	128,353,810	129,298,572	124,031,994	129,526,022	122,872,351	124,803,484
San Bernardino	220,375,239	195,232,688	214,678,810	216,688,926	231,741,707	225,064,551	232,643,691	219,637,652	213,343,023	223,015,048	214,477,755	214,982,898
San Diego	24,240,070	21,710,502	23,723,597	24,168,897	20,522,040	19,921,299	20,894,327	19,799,141	19,138,217	20,266,869	19,386,399	19,257,989
Santa Barbara	5,569,074	4,908,299	5,606,673	5,614,930	6,067,952	5,769,190	6,089,124	5,995,669	5,475,814	5,517,836	5,260,676	5,140,465
Ventura	3,908,340	3,600,268	3,778,991	3,817,264	3,907,602	4,111,428	3,982,810	4,009,144	3,814,602	4,126,205	3,896,316	3,880,026
Southern California	384,281,124	341,046,169	373,469,148	376,401,674	394,090,616	382,491,870	395,946,803	382,563,245	369,284,352	386,111,125	369,363,664	371,678,954
STATE TOTALS	1,141,701,566	1,034,651,735	1,151,287,845	1,156,920,108	1,228,912,665	1,212,873,802	1,264,684,261	1,235,490,556	1,179,005,376	1,206,435,185	1,142,881,750	1,149,829,024

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983

(pounds)

County and District	January	February	March	April	May	June	July	August	September	October	November	December
Del Norte	358,978	287,800	527,773	770,172	1,004,411	985,945	977,708	901,921	795,248	729,605	529,555	383,012
Humboldt	1,931,468	1,882,524	4,374,914	6,325,537	7,458,920	7,368,080	7,286,003	6,534,133	5,738,176	5,287,600	3,930,710	2,669,290
Mendocino	---	---	---	---	---	---	---	---	---	---	---	---
North Coast	2,290,446	2,170,324	4,902,687	7,095,709	8,463,331	8,354,025	8,263,711	7,436,054	6,533,424	6,017,205	4,460,265	3,052,302
Shasta	---	---	---	---	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	7,469	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	---	---	---	---	---	7,469	---	---
Lassen	---	---	---	---	---	---	---	---	9,531	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	9,531	---	---	---
Alameda	---	262,317	299,210	247,907	269,670	258,389	241,068	264,629	252,495	265,593	252,193	193,565
Contra Costa	---	---	---	---	---	---	8,569	---	32,032	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	199,545	222,786	229,564	208,784	247,521	424,012	226,219	350,333	201,562	214,991	192,279	174,844
Monterey	12,546	---	13,747	---	---	---	---	20,196	---	21,128	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	24,138	---	17,682	29,090	15,051	7,471	---	---	---	20,517	---	---
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	6,752	531,840	507,626	10,325	---	338,851
Santa Cruz	108,676	85,880	69,342	48,877	50,304	44,182	5,877	---	---	---	---	---
Sonoma	447,183	443,738	802,533	756,041	627,864	700,575	601,086	553,900	528,638	703,097	611,932	545,998
Central Coast	792,088	1,014,721	1,432,078	1,290,699	1,210,410	1,434,629	1,089,571	1,720,898	1,522,353	1,235,651	1,056,404	1,253,258
Butte	234,078	226,930	301,504	317,408	294,087	288,902	278,346	265,147	238,739	229,193	191,827	155,473
Colusa	15,286	14,819	19,140	20,728	14,929	14,456	14,130	13,460	12,120	11,317	8,963	7,893
Glenn	3,048,873	2,812,371	3,490,902	3,812,578	3,947,887	3,994,367	4,187,057	4,403,704	3,375,264	3,255,010	2,987,249	2,796,982
Sacramento	1,246,156	2,194,805	1,700,301	1,946,037	2,043,704	1,911,095	2,044,846	1,944,463	1,564,234	1,358,707	856,700	780,355
Solano	10,918	---	52,602	---	9,550	---	---	---	3,437	---	---	3,540
Sutter	97,439	94,464	140,934	132,127	175,870	172,650	166,456	158,563	142,770	137,665	105,589	92,976
Tehama	541,082	473,445	525,167	550,905	652,939	580,027	586,129	606,954	562,138	593,568	576,394	399,667
Yolo	---	---	---	---	---	---	---	---	---	---	---	---
Yuba	1,096,890	669,584	738,129	76,154	109,360	107,595	109,827	105,919	82,657	171,207	61,131	53,828
Sacramento Valley	6,290,722	6,486,418	6,968,679	6,855,937	7,248,326	7,069,092	7,386,791	7,498,210	5,981,359	5,756,667	4,787,853	4,290,714

CONTINUED

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	482,057	671,571	811,525	448,527	509,828	352,381	424,614	426,913	747,620	302,967	536,075	565,265
Kern	---	19,966	---	---	---	14,199	---	90,103	80,920	---	15,562	---
Kings	238,442	283,854	1,030,394	462,368	100,380	231,773	20,038	533,666	130,487	53,796	116,521	42,772
Madera	540,846	578,188	1,161,395	425,262	461,823	454,026	454,303	830,126	433,291	431,704	399,969	362,057
Merced	9,538,450	8,234,715	8,353,787	13,969,601	14,760,251	14,666,707	15,591,237	15,027,418	14,517,038	13,952,662	12,955,935	12,996,582
San Joaquin	2,864,663	3,512,744	8,437,759	5,442,512	4,370,462	3,246,234	4,077,001	2,946,077	2,616,249	2,430,669	2,394,861	2,242,918
Stanislaus	16,185,160	13,570,208	16,282,663	15,495,746	17,436,409	17,912,010	16,969,850	16,765,311	15,868,198	14,717,060	14,230,130	13,935,354
Tulare	1,172,430	433,521	1,444,640	1,864,901	735,292	1,449,025	629,558	1,147,788	520,490	760,617	421,800	810,266
San Joaquin Valley	31,022,048	27,304,767	37,522,163	38,108,917	38,374,445	38,326.355	38,166,601	37,767,402	34,914,293	32,649,475	31,070,853	30,955,214
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	61,087	---	---	---	---	14,018	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	61,087	---	---	---	---	14,018	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---	153,395	---	11,956	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	384,054	420,658	519,179	278,460	442,117	473,846	429,573	250,164	456,559	205,204	164,827	402,554
San Bernardino	108,470	159,611	236,139	252,992	173,294	236,042	123,121	165,839	392,194	136,074	51,519	51,849
San Diego	32,589	43,358	67,326	64,926	22,511	25,920	---	13,510	---	---	---	---
Santa Barbara	21,368	---	---	---	---	---	---	27,891	---	---	---	---
Ventura	316,286	315,686	469,571	324,486	605,971	406,343	262,086	151,371	665,228	582,314	557,600	175,600
Southern California	862,767	939,313	1,292,215	920,864	1,243,893	1,142,151	814,780	608,775	1,667,376	923,592	785,902	630,003
STATE TOTALS	41,319,158	37,915,543	52,117,822	54,272,126	56,540,405	56,340,270	55,721,454	55,031,339	50,628,336	46,590,059	42,161,277	40,181,491

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	51,421	43,572	57,528	68,286	82,981	83,155	86,374	85,356	78,216	78,725	68,083	61,151
Humboldt	431,171	398,835	601,471	787,254	912,757	889,826	900,719	842,601	761,189	722,878	638,537	518,285
Mendocino	32,429	30,353	36.039	36,303	41,202	37,135	36,628	38,107	36,792	35,306	33,777	31,983
North Coast	515,021	472,760	695,038	891,843	1,036,940	1,010,116	1,023,721	966,064	876,197	836,909	740,397	611,419
Shasta	54,358	49,228	53,078	51,686	50,349	48,334	48,589	48,375	45,915	47,999	48,579	50,867
Siskiyou	19,183	99,142	110,073	101,305	108,793	105,998	107,902	102,723	99,334	104,413	102,522	108,418
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	73,541	148,370	163,151	152,991	159,142	154,332	156,491	151,098	145,249	152,412	151,101	159,285
Lassen	7,226	6,078	6,978	7,052	6,976	6,284	7,235	7,069	5,954	6,496	6,686	6,633
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	7,226	6,078	6,978	7,052	6,976	6,284	7,235	7,069	5,954	6,496	6,686	6,633
Alameda	---	9,557	10,668	9,088	10,978	8,652	7,953	8,750	9,075	9,040	8,760	7,060
Contra Costa	145,146	134,072	153,316	144,567	148,842	142,626	146,346	147,991	139,663	145,769	150,299	159,253
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	675,129	611,026	669,653	651,058	668,103	633,098	664,942	770,241	643,472	663,561	649,588	668,201
Monterey	192,606	173,897	189,057	192,353	201,395	201,269	211,900	218,253	208,305	215,626	213,016	200,682
Napa	57,175	49,759	52,294	50,855	51,013	49,901	63,763	53,350	50,145	52,847	51,366	52,716
San Benito	57,378	52,601	54,626	50,044	45,680	48,919	55,980	56,606	52,169	53,489	55,434	58,010
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	106,382	97,287	106,688	104,572	111,690	107,105	100,458	114,077	108,666	110,593	103,045	106,703
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	191,005	172,145	189,736	179,431	188,335	181,866	203,270	217,289	206,631	199,100	201,648	220,036
Santa Cruz	28,963	25,771	27,107	23,045	23,822	21,626	22,073	21,672	20,399	20,790	21,306	22,620
Sonoma	1,463,540	1,326,767	1,456,026	1,423,906	1,479,654	1,393,271	1,461,585	1,483,247	1,412,471	1,466,766	1,447,591	1,475,973
Central Coast	2,917,324	2,652,882	2,909,171	2,828,919	2,929,512	2,788,333	2,938,270	3,091,476	2,850,996	2,937,581	2,902,053	2,971,254
Butte	79,472	74,091	85,217	81,096	81,552	79,765	85,023	85,440	83,603	81,960	80,498	82,997
Colusa	20,133	18,735	19,326	18,872	17,955	17,194	18,543	18,577	18,761	19,616	20,525	22,020
Glenn	572,789	517,425	581,153	584,052	603,553	577,788	611,466	598,909	562,483	572,784	558,505	536,832
Sacramento	933,310	888,249	954,705	930,393	957,829	918,168	957,031	962,132	919,915	961,485	938,837	966,836
Solano	65,335	57,113	62,545	59,472	63,002	61,097	65,384	68,193	63,898	65,498	70,229	86,858
Sutter	46,183	38,338	43,938	39,983	43,243	41,392	42,354	39,018	36,934	38,258	37,297	39,502
Tehama	154,001	138,611	153,950	148,508	153,552	149,382	156,341	160,139	155,406	166,547	164,514	165,629
Yolo	26,330	24,201	26,080	31,744	23,801	20,214	22,671	21,957	23,244	25,650	25,892	27,865
Yuba	114,264	87,126	93,843	65,321	73,505	71,643	71,305	72,923	70,727	70,048	69,081	71,369
Sacramento Valley	2,011,817	1,843,889	2,020,757	1,959,441	2,017,992	1,936,643	2,030,118	2,027,288	1,934,971	2,001,846	1,965,378	1,999,908

CONTINUED

TABLE 10. · COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,484,564	2,155,447	2,358,071	2,200,629	2,358,014	2,283,325	2,371,097	2,328,672	2,261,130	2,333,960	2,270,584	2,345,231
Kern	889,260	801,237	881,228	843,143	850,697	814,620	858,175	830,149	759,579	816,628	792,171	824,525
Kings	2,638,707	2,385,981	2,662,454	2,635,186	2,600,688	2,505,950	2,695,149	2,682,643	2,598,275	2,707,296	2,658,838	2,722,513
Madera	767,574	683,862	763,467	731,757	774,332	750,729	791,341	786,423	747,583	774,564	806,308	799,057
Merced	4,698,465	4,243,787	4,653,548	4,590,185	4,775,866	4,667,936	4,970,025	4,945,265	4,801,823	4,926,745	4,813,702	4,945,787
San Joaquin	2,962,059	2,712,612	3,170,593	2,962,042	3,061,627	2,964,946	3,140,228	3,085,976	3,031,113	2,995,388	2,855,250	2,925,264
Stanislaus	4,867,839	4,347,974	4,749,628	4,610,992	4,826,662	4,680,364	4,842,987	4,805,136	4,505,132	4,668,937	4,619,256	4,752,782
Tulare	6,028,518	5,445,289	6,005,750	5,876,200	6,131,666	5,869,567	6,174,760	5,998,857	5,839,915	6,125,513	5,888,493	6,063,640
San Joaquin Valley	25,336,986	22,776,189	25,244,739	24,450,134	25,379,552	24,537,437	25,843,762	25,463,121	24,544,550	25,349,031	24,704,602	25,378,799
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	2,456	2,484	3,030	3,077	3,043	2,682	2,898	3,498	3,249	3,276	3,247	3,461
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	39,034	34,774	37,691	38,046	38,770	37,080	38,064	37,911	37,471	37,866	35,653	36,336
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	41,490	37,258	40,721	41,123	41,813	39,762	40,962	41,409	40,720	41,142	38,900	39,797
Imperial	24,264	22,577	27,793	27,477	27,648	25,012	22,066	17,867	14,276	17,863	15,897	18,502
Los Angeles	119,525	110,289	123,108	112,983	114,543	117,820	119,073	120,135	119,955	120,853	115,096	119,491
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,529,576	4,077,267	4,420,429	4,267,786	4,382,030	4,091,523	4,262,731	4,323,489	4,143,484	4,526,957	4,410,812	4,685,420
San Bernardino	7,916,306	7,141,437	7,771,739	7,520,929	7,913,644	7,454,770	7,708,062	7,368,852	7,171,922	7,834,626	7,645,785	7,858,741
San Diego	881,482	782,819	870,643	845,687	703,616	658,359	695,120	661,028	644,530	709,483	694,245	710,419
Santa Barbara	206,159	185,180	208,759	203,756	214,155	194,964	203,277	206,584	191,149	198,540	195,220	194,818
Ventura	149,057	142,189	155,837	147,136	154,156	150,376	141,074	129,422	143,960	158,764	159,120	152,959
Southern California	13,826,369	12,461,758	13,578,308	13,125,754	13,509,792	12,692,824	13,151,403	12,827,377	12,429,276	13,567,086	13,236,175	13,740,350
STATE TOTALS	44,729,774	40,399,184	44,658,863	43,457,257	45,081,719	43,165,731	45,191,962	44,574,902	42,827,913	44,892,503	43,745,292	44,907,445

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	34,859	30,553	34,905	35,988	41,292	41,032	44,090	45,297	41,554	44,190	41,645	42,044
Humboldt	342,251	316,320	416,452	527,719	608,625	585,813	595,951	561,935	504,801	482,105	447,245	385,597
Mendocino	32,429	30,353	36,039	36,303	41,202	37,135	36,628	38,107	36,792	35,306	33,777	31,983
North Coast	409,539	377,226	487,396	600,010	691,119	663,980	676,669	645,339	583,147	561,601	522,667	459,624
Shasta	54,358	49,228	53,078	51,686	50,349	48,334	48,589	48,375	45,915	47,999	48,579	50,867
Siskiyou	19,183	99,142	110,073	101,305	108,793	105,998	107,902	102,723	99,334	104,149	102,522	108,418
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	73,541	148,370	163,151	152,991	159,142	154,332	156,491	151,098	145,249	152,148	151,101	159,285
Lassen	7,226	6,078	6,978	7,052	6,976	6,284	7,235	7,069	5,603	6,496	6,686	6,633
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	7,226	6,078	6,978	7,052	6,976	6,284	7,235	7,069	5,603	6,496	6,686	6,633
Alameda	---	---	---	---	1,820	---	---	---	513	---	---	---
Contra Costa	145,146	134,072	153,316	144,567	148,842	142,626	146,063	147,991	138,455	145,769	150,299	159,253
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	667,781	602,664	661,178	643,811	659,746	619,069	657,281	758,509	636,519	656,026	642,559	661,719
Monterey	192,112	173,897	188,503	192,353	201,395	201,269	211,900	217,575	208,305	214,839	213,016	200,682
Napa	57,175	49,759	52,294	50,855	51,013	49,901	63,763	53,350	50,145	52,847	51,366	52,716
San Benito	56,426	52,601	53,969	48,983	45,121	48,667	55,980	56,606	52,169	52,754	55,434	58,010
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	106,382	97,287	106,688	104,572	111,690	107,105	100,458	114,077	108,666	110,593	103,045	106,703
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	191,005	172,145	189,736	179,431	188,335	181,866	203,065	199,918	189,460	198,775	201,648	207,776
Santa Cruz	25,088	22,606	24,566	21,360	22,147	20,145	21,879	21,672	20,399	20,790	21,306	22,620
Sonoma	1,446,518	1,310,313	1,423,311	1,395,905	1,457,074	1,368,375	1,439,321	1,462,508	1,392,489	1,438,826	1,423,210	1,453,662
Central Coast	2,887,633	2,615,344	2,853,561	2,781,837	2,887,183	2,739,023	2,899,710	3,032,206	2,797,120	2,891,219	2,861,883	2,923,141
Butte	70,601	65,626	74,215	70,114	71,341	70,026	75,437	76,156	74,995	73,462	72,922	76,829
Colusa	19,534	18,163	18,605	18,130	17,378	16,644	18,001	18,052	18,273	19,151	20,134	21,671
Glenn	452,847	408,171	447,728	446,079	465,875	443,006	468,354	442,716	442,130	453,187	443,489	426,371
Sacramento	884,744	804,135	890,226	859,926	886,053	853,634	888,767	895,894	865,869	912,705	906,360	936,656
Solano	64,888	57,113	60,545	59,472	62,680	61,097	65,384	68,193	63,779	65,498	70,229	86,723
Sutter	42,038	34,382	38,266	34,852	36,561	35,018	36,080	32,942	31,301	32,722	32,766	35,466
Tehama	132,531	119,898	133,517	128,329	129,910	128,928	135,798	138,463	134,545	144,496	141,797	149,183
Yolo	26,330	24,201	26,080	31,744	23,801	20,214	22,671	21,957	23,244	25,650	25,892	27,865
Yuba	67,226	59,206	63,568	62,618	69,722	68,042	67,542	69,242	67,771	62,491	66,703	69,251
Sacramento Valley	1,760,739	1,590,895	1,752,750	1,711,264	1,763,321	1,696,609	1,778,034	1,763,615	1,721,907	1,789,362	1,780,292	1,830,015

CONTINUED

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,465,867	2,129,968	2,327,376	2,184,638	2,340,642	2,271,756	2,356,958	2,314,222	2,235,505	2,323,550	2,251,246	2,324,626
Kern	889,260	800,518	881,228	843,143	850,697	814,142	858,175	827,079	756,893	816,628	791,598	824,525
Kings	2,629,177	2,374,849	2,624,057	2,617,945	2,597,186	2,498,137	2,694,468	2,664,041	2,593,954	2,705,388	2,654,543	2,720,919
Madera	746,170	661,425	718,546	716,484	758,258	735,459	776,141	759,058	732,528	759,216	791,238	785,123
Merced	4,330,952	3,930,948	4,333,818	4,101,200	4,273,638	4,175,557	4,459,301	4,441,405	4,309,475	4,441,316	4,322,501	4,436,247
San Joaquin	2,850,751	2,578,648	2,853,183	2,765,965	2,910,035	2,855,541	3,005,038	2,988,800	2,941,853	2,909,435	2,766,799	2,839,384
Stanislaus	4,252,365	3,838,687	4,156,475	4,060,377	4,220,614	4,077,106	4,273,695	4,244,177	3,965,802	4,154,916	4,101,841	4,231,480
Tulare	5,983,549	5,429,095	5,951,795	5,809,132	6,106,121	5,821,269	6,153,545	5,959,032	5,821,332	6,097,313	5,872,697	6,032,013
San Joaquin Valley	24,148,091	21,744,138	23,846,478	23,098,884	24,057,191	23,248,967	24,577,321	24,197,814	23,357,342	24,207,762	23,552,463	24,194,317
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	2,456	2,484	3,030	3,077	3,043	2,682	2,898	3,498	3,249	3,276	3,247	3,461
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	36,606	34,774	37,691	38,046	38,770	36,576	38,064	37,911	37,471	37,866	35,653	36,336
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	39,062	37,258	40,721	41,123	41,813	39,258	40,962	41,409	40,720	41,142	38,900	39,797
Imperial	24,264	22,577	27,793	27,477	27,648	25,012	22,066	17,867	14,276	17,863	15,897	18,502
Los Angeles	119,525	110,289	123,108	112,983	114,543	117,820	119,073	120,135	114,608	120,853	114,658	119,491
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,514,246	4,060,967	4,400,044	4,257,363	4,366,690	4,075,839	4,248,651	4,315,679	4,128,117	4,519,532	4,404,763	4,670,075
San Bernardino	7,912,447	7,135,597	7,763,117	7,512,268	7,907,842	7,446,811	7,704,054	7,363,240	7,159,265	7,830,121	7,643,917	7,856,777
San Diego	880,302	781,204	868,143	843,392	702,896	657,550	695,120	660,570	644,530	709,483	694,245	710,419
Santa Barbara	205,229	185,180	208,759	203,756	214,155	194,964	203,277	205,630	191,149	198,540	195,220	194,818
Ventura	137,987	131,140	139,402	135,779	132,947	136,154	131,901	124,124	120,677	138,383	139,604	146,813
Southern California	13,794,000	12,426,954	13,530,366	13,093,018	13,466,721	12,654,150	13,124,142	12,807,245	12,372,622	13,534,775	13,208,304	13,716,895
STATE TOTALS	43,119,831	38,946,263	42,681,401	41,486,179	43,073,466	41,202,603	43,260,564	42,645,795	41,023,710	43,184,505	42,122,296	43,329,707

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	16,562	13,019	22,623	32,298	41,689	42,123	42,284	40,059	36,662	34,535	26,438	19,107
Humboldt	88,920	82,515	185,019	259,535	304,132	304,013	304,768	280,666	256,388	240,773	191,292	132,688
Mendocino	---	---	---	---	---	---	---	---	---	---	---	---
North Coast	105,482	95,534	207,642	291,833	345,821	346,136	347,052	320,725	293,050	275,308	217,730	151,795
Shasta	---	---	---	---	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	264	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	---	---	---	---	---	264	---	---
Lassen	---	---	---	---	---	---	---	---	351	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	351	---	---	---
Alameda	---	9,557	10,668	9,088	9,158	8,652	7,953	8,750	8,562	9,040	8,760	7,060
Contra Costa	---	---	---	---	---	---	283	---	1,208	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	7,348	8,362	8,475	7,247	8,357	14,029	7,661	11,732	6,953	7,535	7,029	6,482
Monterey	494	---	554	---	---	---	---	678	---	787	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	952	---	657	1,061	559	252	---	---	---	735	---	---
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	205	17,371	17,171	325	---	12,260
Santa Cruz	3,875	3,165	2,541	1,685	1,675	1,481	194	---	---	---	---	---
Sonoma	17,022	16,454	32,715	28,001	22,580	24,896	22,264	20,739	19,982	27,940	24,381	22,311
Central Coast	29,691	37,538	55,610	47,082	42,329	49,310	38,560	59,270	53,876	46,362	40,170	48,113
Butte	8,871	8,465	11,002	10,982	10,211	9,739	9,586	9,284	8,608	8,498	7,576	6,168
Colusa	599	572	721	742	577	550	542	525	488	465	391	349
Glenn	119,942	109,254	133,425	137,973	137,678	134,782	143,112	156,193	120,353	119,597	115,016	110,461
Sacramento	48,566	84,114	64,479	70,467	71,776	64,534	68,264	66,238	54,046	48,780	32,477	30,180
Solano	447	---	2,000	---	322	---	---	---	119	---	---	135
Sutter	4,145	3,956	5,672	5,131	6,682	6,374	6,274	6,076	5,633	5,536	4,531	4,036
Tehama	21,470	18,713	20,433	20,179	23,642	20,454	20,543	21,676	20,861	22,051	22,717	16,446
Yolo	---	---	---	---	---	---	---	---	---	---	---	---
Yuba	47,038	27,920	30,275	2,703	3,783	3,601	3,763	3,681	2,956	7,557	2,378	2,118
Sacramento Valley	251,078	252,994	268,007	248,177	254,671	240,034	252,084	263,673	213,064	212,484	185,086	169,893

CONTINUED

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1983 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	18,697	25,479	30,695	15,991	17,372	11,569	14,139	14,450	25,625	10,410	19,338	20,605
Kern	---	719	---	---	---	478	---	3,070	2,686	---	573	---
Kings	9,530	11,132	38,397	17,241	3,502	7,813	681	18,602	4,321	1,908	4,295	1,594
Madera	21,404	22,437	44,921	15,273	16,074	15,270	15,200	27,365	15,055	15,348	15,070	13,934
Merced	367,513	312,839	319,730	488,985	502,228	492,379	510,724	503,860	492,348	485,429	491,201	509,540
San Joaquin	111,308	133,964	317,410	196,077	151,592	109,405	135,190	97,176	89,260	85,953	88,451	85,880
Stanislaus	615,474	509,287	593,153	550,615	606,048	603,258	569,292	560,959	539,330	514,021	517,415	521,302
Tulare	44,969	16,194	53,955	67,068	25,545	48,298	21,215	39,825	18,583	28,200	15,796	31,627
San Joaquin Valley	1,188,895	1,032,051	1,398,261	1,351,250	1,322,361	1,288,470	1,266,441	1,265,307	1,187,208	1,141,269	1,152,139	1,184,482
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	2,428	---	---	---	---	504	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	2,428	---	---	---	---	504	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---	5,347	---	438	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	15,330	16,300	20,385	10,423	15,340	15,684	14,080	7,810	15,367	7,425	6,049	15,345
San Bernardino	3,859	5,840	8,622	8,661	5,802	7,959	4,008	5,612	12,657	4,505	1,868	1,964
San Diego	1,180	1,615	2,500	2,295	720	809	---	458	---	---	---	---
Santa Barbara	930	---	---	---	---	---	---	954	---	---	---	---
Ventura	11,070	11,049	16,435	11,357	21,209	14,222	9,173	5,298	23,283	20,381	19,516	6,146
Southern California	32,369	34,804	47,942	32,736	43,071	38,674	27,261	20,132	56,654	32,311	27,871	23,455
STATE TOTALS	1,609,943	1,452,921	1,977,462	1,971,078	2,008,253	1,963,128	1,931,398	1,929,107	1,804,203	1,707,998	1,622,996	1,577,738

AVERAGE PRICES PAID PRODUCERS

The California Crop and Livestock Reporting Service estimates the prices received by producers for many crops, livestock, and livestock products. The livestock products include whole milk sold in wholesale quantities. Table 13 contains the estimated monthly prices received by producers in California for the period 1973 through 1983. Data for earlier years are available in other publications and have been published in previous annual California Dairy Industry Statistics.

The average prices paid monthly to producers in California for market milk and for manufacturing milk from 1973 through 1983 are presented in Tables 14 and 15. Prices paid for market milk in Table 14 reflect the changing proportions of the product paid for in accordance with class use, as well as varying price levels for products with the same usage. Prices paid for manufacturing milk in Table 15 reflect primarily changes in price levels. Each price series is affected to some extent by variation in the average milk fat content of milk purchased from producers. Prices are presented for the average test of the milk actually purchased each month from producers.

TABLE 13. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR ALL WHOLE MILK, BY MONTHS, 1973-1983

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1973	5.93	6.21	6.16	5.91	5.86	5.91	5.92	6.28	6.87	7.12	7.84	7.82	6.47
1974	7.87	7.61	7.72	8.59	8.27	7.96	7.97	8.07	8.35	8.55	8.70	8.73	8.20
1975	8.91	8.88	8.74	8.64	8.45	8.33	8.40	8.57	8.90	9.27	9.49	9.78	8.85
1975 1/	9.08	9.06	8.92	8.81	8.63	8.51	8.57	8.75	9.08	9.45	9.66	9.93	9.03
1976	9.60	9.25	9.23	9.13	8.98	9.02	9.18	9.34	9.31	9.28	9.41	9.60	9.27
1977	9.69	9.49	9.45	9.49	9.62	9.65	9.60	9.69	9.86	10.10	10.20	10.30	9.76
1978	10.40	10.20	10.10	10.10	10.00	9.80	9.70	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.76	12.71	12.54	12.54	12.53	12.55	12.49	12.68	12.89	13.42	13.66	13.81	12.88
1981	13.73	13.63	13.58	13.51	13.26	13.17	13.14	13.10	13.24	13.58	13.60	13.71	13.44
1982	13.84	13.66	13.57	13.37	12.93	12.82	12.81	12.76	12.93	13.08	13.36	13.48	13.22
1983	13.48	13.42	13.33	13.09	12.87	12.66	12.65	12.70	12.82	13.14	13.37	13.30	13.07

1/ Prices are f.o.b. ranch for the years 1973 and 1974 and f.o.b. plant thereafter.

TABLE 14. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MARKET MILK, BY MONTHS, 1973-1983

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1973	6.02	6.31	6.26	6.01	5.96	6.01	6.00	6.37	6.95	7.18	7.94	7.91	6.56
1974	7.95	7.68	7.80	8.71	8.41	8.08	8.10	8.21	8.48	8.69	8.82	8.85	8.32
1975	9.01	8.99	8.85	8.76	8.58	8.45	8.50	8.68	8.99	9.34	9.56	9.86	8.95
1975 1/	9.18	9.16	9.02	8.93	8.75	8.62	8.67	8.85	9.17	9.51	9.73	10.00	9.12
1976	9.65	9.32	9.30	9.21	9.05	9.08	9.24	9.40	9.36	9.34	9.47	9.68	9.34
1977	9.75	9.55	9.50	9.53	9.66	9.70	9.65	9.74	9.90	10.10	10.20	10.30	9.80
1978	10.40	10.30	10.10	10.10	10.00	9.85	9.75	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.80	12.76	12.59	12.58	12.56	12.59	12.53	12.72	12.93	13.46	13.70	13.84	12.92
1981	13.76	13.66	13.61	13.55	13.30	13.22	13.19	13.14	13.27	13.60	13.63	13.74	13.47
1982	13.87	13.69	13.60	13.41	12.97	12.86	12.85	12.79	12.96	13.11	13.39	13.50	13.25
1983	13.50	13.45	13.36	13.12	12.90	12.69	12.68	12.73	12.85	13.17	13.40	13.34	13.10

1/ Prices are f.o.b. ranch for the years 1973 and 1974 and f.o.b. plant thereafter.

TABLE 15. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MANUFACTURING MILK, BY MONTHS, 1973-1983

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
	(dollars per hundredweight)												
1973	5.14	5.20	5.14	5.00	4.94	4.96	5.11	5.33	5.94	6.39	6.57	6.62	5.46
1974	6.59	6.56	6.67	6.98	6.68	6.52	6.51	6.48	6.58	6.72	6.86	6.78	6.65
1975	7.37	7.19	7.11	7.03	6.89	6.88	7.06	7.16	7.73	8.25	8.35	8.43	7.40
1975 1/	7.45	7.49	7.37	7.22	7.08	7.05	7.27	7.35	7.92	8.45	8.53	8.62	7.60
1976	8.48	8.00	7.87	7.94	7.87	8.03	8.20	8.45	8.43	8.23	8.29	8.15	8.16
1977	8.21	8.13	8.13	8.68	8.81	8.79	8.67	8.65	8.82	8.93	9.09	9.14	8.68
1978	9.09	9.03	8.94	9.25	9.15	9.17	9.08	9.26	9.49	9.70	10.00	10.20	9.34
1979	10.00	9.85	9.80	10.10	10.30	10.30	10.30	10.40	10.70	11.10	11.60	11.60	10.50
1980	11.56	11.44	11.34	11.69	11.75	11.61	11.62	11.72	12.01	12.36	12.68	12.77	11.88
1981	12.71	12.64	12.84	12.49	12.21	12.10	12.06	12.22	12.38	12.89	12.87	12.86	12.52
1982	12.92	12.80	12.77	12.46	12.12	12.02	11.99	12.06	12.23	12.41	12.65	12.85	12.44
1983	12.82	12.58	12.67	12.42	12.25	12.04	12.02	12.05	12.19	12.26	12.55	12.37	12.35

1/ Prices are f.o.b. ranch for the years 1973 and 1974 and f.o.b. plant thereafter.

UTILIZATION OF COMMERCIAL PRODUCTION

During 1983, approximately 30.8 percent of the total milk fat produced commercially in California was used in fluid market milk. Fluid market milk, for the purposes of Table 16, currently includes fluid whole milk, fluid lowfat milk, fluid skim milk, and yogurt. Fluid half-and-half used 1.7 percent of the milk fat; butter, 29.3 percent; cheese (including cottage cheese), 15.7 percent; condensed and evaporated milk products, 3.9 percent; frozen dairy products, 11.4 percent; and all other manufactured products, 7.2 percent. Approximately 32.5 percent of the total milk fat was used in fluid market milk and cream. The remaining 67.5 percent was used in manufactured products.

Approximately 43.8 percent of the market grade milk produced in 1983 was used in Class I market milk products and 6.3 percent was used in manufactured products where market grade milk use was mandatory. The remaining 49.9 percent was used in making all other kinds of manufactured products.

TABLE 16. ESTIMATED UTILIZATION OF CALIFORNIA'S COMMERCIAL MILK FAT PRODUCTION IN SELECTED DAIRY PRODUCTS, BY YEARS, 1963-1983

Year	Fluid market milk 1/	Fluid market cream 2/	Butter	Cheese, including cottage cheese	Condensed milk products 3/	Frozen dairy products	Other manufactured products 4/
				(percent)			
1963	55.2	8.2	8.9	3.8	6.2	12.6	5.1
1964	55.6	7.8	9.1	3.7	6.6	12.9	4.3
1965	55.8	7.6	9.2	3.8	5.9	13.5	4.2
1966	56.5	7.4	7.0	3.6	6.6	13.7	5.2
1967	55.2	7.1	12.1	2.9	4.6	13.5	4.6
1968	53.2	6.6	14.2	2.8	5.1	13.6	4.5
1969	52.3	6.0	15.5	2.6	5.0	13.7	4.9
1970	49.0	5.5	20.7	3.1	3.9	13.3	4.5
1971	47.1	5.1	22.1	3.4	4.0	13.0	5.3
1972	45.5	4.6	24.7	3.5	3.2	12.5	6.0
1973	45.6	4.7	24.2	4.4	3.0	12.4	5.7
1974	43.6	2.2	26.9	5.2	2.7	13.0	6.4
1975	42.2	2.2	28.1	5.9	2.7	13.2	5.7
1976	40.9	2.1	28.8	6.8	2.6	12.7	6.1
1977	40.0	2.1	29.9	7.5	2.2	12.2	6.1
1978	40.2	2.0	26.5	8.3	2.1	12.6	8.3
1979	38.8	2.0	26.9	9.2	2.1	12.1	8.9
1980	34.5	1.8	30.8	10.1	1.7	11.2	9.9
1981	32.5	1.7	30.6	11.6	1.9	11.1	10.6
1982	30.7	1.7	31.2	13.6	3.0	10.8	9.0
1983	30.8	1.7	29.3	15.7	3.9	11.4	7.2

1/ Includes fluid whole milk, fluid lowfat milk, concentrated fluid milk, and fluid skim milk through 1973. Yogurt is also included for the period 1974-1983.

2/ Includes fluid cream and half-and-half through 1973; half-and-half only for subsequent years.

3/ Includes evaporated milk and other condensed milk products.

4/ Includes sour and all other fluid cream for the period 1974-1983.

TABLE 17. COMMERCIAL PRODUCTION AND USAGE OF MILK IN CALIFORNIA, BY YEARS, 1966-1983 1/

	Commercial Production			Class 1 Usage	Availability for Manufacture				
								Relative to Production	
	Market	Manufacturing	Total		Market	Manufacturing	Total	Market	Total
	(thousand pounds)							(percent)	
1966	7,591,503	865,655	8,457,158	5,463,262	2,128,241	865,655	2,993,896	28.0	35.4
1967	7,685,955	876,187	8,562,142	5,453,205	2,232,750	876,187	3,108,937	29.0	36.3
1968	8,002,052	815,387	8,817,439	5,441,752	2,560,300	815,387	3,375,687	32.0	38.3
1969	7,970,766	799,438	8,770,204	5,405,325	2,565,441	799,438	3,364,879	32.2	38.4
1970	8,481,432	865,027	9,346,459	5,399,404	3,082,028	865,027	3,947,055	36.3	42.2
1971	8,614,289	979,836	9,594,125	5,406,666	3,207,623	979,836	4,187,459	37.2	43.6
1972	9,163,369	1,136,171	10,299,540	5,647,138	3,516,231	1,136,171	4,652,402	38.4	45.2
1973	9,354,250	879,237	10,233,487	5,719,894	3,634,356	879,237	4,513,593	39.9	44.1
1974	9,776,188	724,765	10,500,953	5,740,347	4,035,841	724,765	4,760,606	41.3	45.3
1975	10,060,384	695,507	10,755,891	5,837,522	4,222,862	695,507	4,918,369	42.0	45.7
1976	10,886,279	602,087	11,488,366	6,032,561	4,853,718	602,087	5,455,805	44.6	47.5
1977	11,377,410	510,659	11,888,069	6,143,455	5,233,955	510,659	5,744,614	46.0	48.3
1978	11,329,087	447,648	11,776,735	6,211,747	5,117,340	447,648	5,564,988	45.2	47.3
1979	12,029,199	459,453	12,488,652	6,292,820	5,736,379	459,453	6,195,832	47.7	49.6
1980	12,998,001	517,997	13,515,998	6,238,927	6,759,074	517,997	7,277,071	52.0	53.8
1981	13,666,750	519,853	14,186,603	6,188,714	7,478,036	519,853	7,997,889	54.7	56.4
1982	13,901,010	566,472	14,467,482	6,082,539	7,818,471	566,472	8,384,943	56.2	58.0
1983	14,104,674	588,819	14,693,493	6,177,320	7,927,354	588,819	8,516,173	56.2	58.0

1/ Detail for 1982 and 1983 shown in Table 22.

TABLE 18. COMMERCIAL PRODUCTION AND USAGE OF MARKET MILK FAT AND MARKET SKIM MILK IN CALIFORNIA, BY YEARS, 1966-1983 1/

	Market Milk Fat				Market Skim Milk			
	Commercial Production	Usage		Other usage relative to production	Commercial Production	Usage		Other usage relative to production
		Class 1	Other			Class 1	Other	
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1966	274,577	196,054	78,523	28.6	7,316,926	5,267,208	2,049,718	28.0
1967	277,547	193,402	84,145	30.3	7,408,408	5,259,803	2,148,605	29.0
1968	287,023	190,057	96,966	33.8	7,715,029	5,251,695	2,463,334	31.9
1969	287,435	185,253	102,182	35.6	7,683,331	5,220,072	2,463,259	32.1
1970	303,336	182,919	120,417	39.7	8,178,096	5,216,485	2,961,611	36.2
1971	309,103	180,183	128,920	41.7	8,305,186	5,226,483	3,078,703	37.1
1972	327,371	185,058	142,313	43.5	8,835,998	5,462,080	3,373,918	38.6
1973	335,933	185,344	150,589	44.8	9,018,317	5,534,550	3,483,767	38.6
1974	351,133	173,348	177,785	50.6	9,425,055	5,566,999	3,858,056	40.9
1975	364,795	173,102	191,693	52.5	9,695,589	5,664,420	4,031,169	41.6
1976	390,950	178,026	212,924	54.5	10,495,329	5,854,535	4,640,794	44.2
1977	405,943	178,958	226,985	55.9	10,971,467	5,964,497	5,006,970	45.6
1978	408,311	179,515	228,796	56.0	10,920,776	6,032,232	4,888,544	44.8
1979	426,183	180,650	245,533	57.6	11,603,015	6,112,170	5,490,845	47.3
1980	468,324	176,741	291,583	62.3	12,529,677	6,062,086	6,467,591	51.6
1981	490,629	174,337	316,292	64.5	13,176,121	6,014,377	7,161,744	54.4
1982	504,415	170,381	334,034	66.2	13,396,595	5,912,158	7,484,437	55.9
1983	506,076	171,767	334,308	66.0	13,598,598	6,005,553	7,593,045	55.8

1/ Detail for 1982 and 1983 shown in Tables 23 and 24.

TABLE 19. COMMERCIAL PRODUCTION OF MILK FAT AND SKIM MILK IN CALIFORNIA AVAILABLE FOR MANUFACTURE, BY YEARS, 1966-1983 1/

QUANTITIES AVAILABLE FOR MANUFACTURE

	Milk Fat				Skim Milk			
	Manufacturing	Market	Total	Relative to 2/ Production	Manufacturing	Market	Total	Relative to 3/ Production
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1966	32,697	78,523	111,220	36.2	832,958	2,049,718	2,882,676	35.4
1967	33,115	84,145	117,260	37.7	843,072	2,148,605	2,991,677	36.3
1968	30,715	96,966	127,681	40.2	784,672	2,463,334	3,248,006	38.2
1969	30,081	102,182	132,263	41.7	769,357	2,463,259	3,232,616	38.2
1970	32,395	120,417	152,812	45.5	832,632	2,961,611	3,794,243	42.1
1971	36,549	128,920	165,469	47.9	943,287	3,078,703	4,021,990	43.5
1972	41,940	142,313	184,253	49.9	1,094,231	3,373,918	4,468,149	45.0
1973	32,646	150,589	183,235	49.7	846,591	3,483,767	4,330,358	43.9
1974	26,748	177,785	204,533	54.1	698,017	3,858,056	4,556,073	45.0
1975	25,960	191,693	217,653	55.7	669,547	4,031,169	4,700,716	45.4
1976	22,562	212,924	235,486	56.9	579,525	4,640,794	5,220,319	47.1
1977	18,958	226,985	245,943	57.9	491,701	5,006,970	5,498,671	48.0
1978	16,816	228,796	245,612	57.8	430,832	4,888,544	5,319,376	48.7
1979	16,881	245,533	262,414	59.2	442,572	5,490,845	5,933,417	49.2
1980	19,050	291,483	310,533	63.7	498,947	6,467,591	6,966,538	53.5
1981	19,147	316,292	335,439	65.8	500,706	7,161,744	7,662,450	56.0
1982	20,954	334,034	354,988	67.6	545,518	7,484,437	8,029,955	57.6
1983	21,556	334,309	355,865	67.4	567,563	7,593,045	8,160,608	57.6

1/ Detail for 1982 and 1983 shown in Tables 23 and 24.

2/ The total commercial production of milk fat is presented in column 2 of Table 23.

3/ The total commercial production of skim milk is presented in column 2 of Table 24.

TABLE 20. SALES OF CALIFORNIA CLASS 1 MARKET MILK PRODUCTS, BY MONTHS, 1983

(Gallons)

	January	February	March	April	May	June	July	August	September	October	November	December
Market Whole Milk	33,135,503	30,245,052	33,902,629	32,094,185	32,220,104	31,546,665	32,265,452	33,953,972	34,035,702	33,871,060	32,619,266	33,128,818
Market Lowfat Milk	21,803,766	19,938,596	22,220,181	21,392,928	21,609,783	19,825,873	19,721,861	20,364,677	22,308,528	22,916,466	21,937,958	21,623,568
Market Skim Milk	3,684,053	3,424,550	3,819,144	3,720,967	3,731~~,594~~	~~3,340,291~~	3,204,260	3,311,887	3,667,837	3,911,070	3,524,778	3,427,706
Half-and-Half	797,904	746,543	854,963	800,185	880,758	832,700	843,344	858,764	817,132	826,830	865,782	943,470
Yogurt	1,450,494	1,332,739	1,548,441	1,446,942	1,541,868	1,482,345	1,346,735	1,424,961	1,472,865	1,443,482	1,200,836	1,009,416
Other Class 1 Products	3,287	4,362	5,139	3,673	4,501	4,983	4,703	4,222	4,012	4,269	4,521	4,773
Total Class 1	60,875,007	55,691,842	62,350,497	59,458,880	59,988,608	57,032,857	57,386,355	59,918,483	62,306,076	62,973,177	60,153,141	60,137,751

MILK FAT SOLD IN CALIFORNIA CLASS 1 MARKET MILK PRODUCTS

(Pounds)

	January	February	March	April	May	June	July	August	September	October	November	December
Market Whole Milk	9,806,412	8,959,662	10,045,804	9,514,644	9,548,871	9,348,450	9,564,803	10,037,378	10,224,948	10,201,367	9,789,768	9,932,024
Market Lowfat Milk	3,673,951	3,365,932	3,747,169	3,611,368	3,644,035	3,344,030	3,322,979	3,438,754	3,703,959	3,799,786	3,643,458	3,584,809
Market Skim Milk	4,646	4,225	4,224	4,072	3,806	3,477	3,141	2,960	3,379	4,492	4,239	4,716
Half-and-Half	728,329	682,150	780,033	730,663	803,774	759,999	769,707	782,934	744,610	751,303	786,735	853,595
Yogurt	229,178	210,573	244,654	228,617	243,615	234,210	212,784	225,144	232,713	228,070	189,732	159,488
Other Class 1 Products	2,958	3,926	4,625	3,306	4,051	4,485	4,233	3,800	3,611	3,842	4,069	4,296
Total Class 1	14,445,474	13,226,468	14,826,509	14,092,670	14,248,152	13,694,651	13,877,647	14,490,970	14,913,220	14,988,860	14,418,001	14,538,928

TABLE 21. PRODUCTION OF SELECTED MANDATORY CLASS 2 PRODUCTS AND USAGE OF MARKET MILK FAT IN THESE PRODUCTS IN CALIFORNIA, BY MONTHS, 1983

	January	February	March	April	May	June	July	August	September	October	November	December
(product pounds)												
Sour Cream & Sour Cream Dress.	5,587,295	5,866,898	6,797,895	6,193,670	6,301,053	6,973,486	6,267,258	6,941,216	6,273,441	6,282,834	7,874,508	8,860,306
All Other Market Cream	2,341,781	3,082,433	4,026,018	3,867,952	4,290,975	4,145,844	3,500,536	3,737,673	3,743,400	3,402,619	5,875,663	4,184,017
Buttermilk	6,762,080	6,339,570	7,483,927	6,710,696	7,376,686	7,154,798	7,036,713	7,559,335	7,163,918	6,830,979	7,325,448	7,152,842
Creamed Cottage Cheese 1/	2,407,719	2,159,463	2,458,021	2,386,781	2,542,144	2,423,376	2,414,244	2,568,573	2,393,591	2,366,601	2,212,873	1,985,190
Lowfat Cottage Cheese 1/	1,482,895	1,336,567	1,530,368	1,522,385	1,554,521	1,490,107	1,432,669	1,496,225	1,434,085	1,383,674	1,208,251	1,134,344
Cottage Cheese, Dry Curd 2/	52,654,958	48,268,264	54,591,904	53,899,938	53,559,875	52,032,786	50,827,097	52,903,709	49,734,670	48,307,255	44,530,002	40,914,285
Filled and Imitation Products	115,365	107,175	124,424	101,589	98,003	126,497	90,195	111,968	102,094	100,572	110,769	114,739
Yogurt (Out-of-State Use)	2,841,079	3,254,782	3,432,595	3,227,417	3,534,815	2,592,083	2,688,102	3,084,846	2,802,370	2,762,965	2,685,195	2,213,993
TOTAL	74,193,172	70,415,152	80,445,152	77,910,428	79,258,072	76,938,977	74,256,814	78,403,545	73,647,569	71,437,499	71,822,709	66,559,716
(market milk fat pounds)												
Sour Cream & Sour Cream Dress.	1,121,417	1,177,536	1,364,394	1,243,122	1,264,674	1,399,637	1,257,891	1,393,160	1,259,132	1,261,018	1,580,480	1,778,338
All Other Market Cream	765,743	1,007,930	1,316,474	1,264,788	1,403,113	1,355,656	1,144,646	1,222,188	1,224,061	1,112,628	1,921,293	1,368,139
Buttermilk	31,378	29,418	34,728	31,140	34,230	33,201	32,653	35,078	33,243	31,698	33,993	33,192
Creamed Cottage Cheese 3/	349,119	313,122	356,413	346,083	368,611	351,390	350,065	372,443	347,071	343,157	320,866	287,852
Lowfat Cottage Cheese 4/	81,559	73,511	84,170	83,731	85,499	81,956	78,797	82,292	78,875	76,102	66,454	62,389
Cottage Cheese, Dry Curd	---	---	---	---	---	---	---	---	---	---	---	---
Filled and Imitation Products	---	---	---	---	---	---	---	---	---	---	---	---
Yogurt (Out-of-State Use)	52,196	59,797	63,064	59,294	64,942	47,622	49,386	56,675	51,485	50,761	49,333	40,676
TOTAL	2,401,412	2,661,314	3,219,243	3,028,158	3,221,069	3,269,462	2,913,438	3,161,836	2,993,867	2,875,364	3,972,419	3,570,586

1/ Approximately 0.34 pound of creaming mixture is added to each pound of curd in the creaming process

2/ 7.14 pounds of skim milk are required to make one pound of dry curd.

3/ Creaming mixture for creamed cottage cheese tests 14.5%.

4/ Creaming mixture for lowfat cottage cheese tests 5.5%.

TABLE 22. UTILIZATION OF MARKET AND MANUFACTURING MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1982-1983

YEAR AND MONTH	COMMERCIAL MILK PRODUCTION	MARKET MILK PRODUCTION AND USAGE							MANUFACTURING MILK PRODUCTION	MILK AVAILABLE FOR MANUFACTURE 1/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total	Total	Total	Relative to Production	Total	Relative to Production	Total	Relative to Production	Total	Total	Relative to Commercial Production
	(thousand pounds)	(thousand pounds)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(thousand pounds)	(percent)
1982	14,467,483	13,901,012	6,082,538	43.7	901,318	6.5	6,917,156	49.8	566,471	7,483,627	51.7
1983	14,693,493	14,104,674	6,177,320	43.8	895,289	6.3	7,032,065	49.9	588,819	7,620,884	51.9
1982											
January	1,166,982	1,129,277	514,039	45.5	72,469	6.4	542,769	48.1	37,705	580,474	49.7
February	1,082,917	1,045,930	466,618	44.6	70,321	6.7	508,991	48.7	36,987	545,978	50.4
March	1,227,996	1,184,112	531,084	44.8	80,854	6.8	572,174	48.3	43,884	616,058	50.2
April	1,189,169	1,142,316	505,694	44.3	77,222	6.8	559,400	49.0	46,853	606,253	51.0
May	1,232,324	1,180,426	499,869	42.3	80,735	6.8	599,822	50.8	51,898	651,720	52.9
June	1,232,198	1,182,088	485,412	41.1	77,569	6.6	619,107	52.4	50,110	669,217	54.3
July	1,276,787	1,220,688	497,114	40.7	77,536	6.4	646,038	52.9	56,099	702,137	55.0
August	1,271,448	1,216,282	499,058	41.0	78,360	6.4	638,864	52.5	55,166	694,030	54.6
September	1,214,721	1,164,261	517,846	44.5	75,302	6.5	571,113	49.0	50,460	621,573	51.2
October	1,229,048	1,180,355	533,231	45.2	73,946	6.3	573,178	48.6	48,693	621,871	50.6
November	1,162,498	1,118,279	517,449	46.3	70,188	6.3	530,642	47.4	44,219	574,861	49.4
December	1,181,395	1,136,998	515,124	45.3	66,816	5.9	555,058	48.8	44,397	599,455	50.7
1983											
January	1,183,021	1,141,702	523,525	45.8	74,193	6.5	543,984	47.6	41,319	585,303	49.5
February	1,072,567	1,034,652	478,951	46.3	70,415	6.8	485,286	46.9	37,916	523,202	48.8
March	1,203,406	1,151,288	536,210	46.6	80,445	7.0	534,633	46.4	52,118	586,751	48.8
April	1,211,192	1,156,920	511,347	44.2	77,910	6.7	567,663	49.1	54,272	621,935	51.3
May	1,285,453	1,228,913	515,905	42.0	79,258	6.4	633,750	51.6	56,541	690,291	53.7
June	1,269,214	1,212,874	490,484	40.4	76,939	6.3	645,451	53.2	56,340	701,791	55.3
July	1,320,406	1,264,684	493,520	39.0	74,257	5.9	696,907	55.1	55,721	752,628	57.0
August	1,290,522	1,235,490	515,295	41.7	78,404	6.3	641,791	51.9	55,031	696,822	54.0
September	1,229,634	1,179,005	535,832	45.4	73,648	6.2	569,525	48.3	50,628	620,153	50.4
October	1,253,025	1,206,435	541,568	44.9	71,437	5.9	593,430	49.2	46,590	640,020	51.1
November	1,185,043	1,142,882	517,496	45.3	71,823	6.3	553,563	48.4	42,161	595,724	50.3
December	1,190,010	1,149,829	517,187	45.0	66,560	5.8	566,082	49.2	40,182	606,264	50.9

1/ The milk available for manufacturing purposes in California is Total Commercial Production excluding Market Milk Class 1 and Mandatory Class 2 Usage.

TABLE 23. UTILIZATION OF MARKET AND MANUFACTURING MILK FAT PRODUCTION IN CALIFORNIA, BY MONTHS, 1982-1983

YEAR AND MONTH	COMMERCIAL MILK FAT PRODUCTION	MARKET MILK FAT PRODUCTION AND USAGE							MANUFACTURING MILK FAT PRODUCTION	MILK FAT AVAILABLE FOR MANUFACTURE 1/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total	Total	Total	Relative to Production	Total	Relative to Production	Total	Relative to Production	Total	Total	Relative to Commercial Production
	(thousand pounds)	(thousand pounds)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(thousand pounds)	(percent)
1982	525,370	504,416	170,381	33.8	33,675	6.7	300,360	59.5	20,954	321,314	61.2
1983	527,632	506,076	171,767	33.9	37,288	7.4	297,021	58.7	21,556	318,577	60.4
1982											
January	44,810	43,339	14,394	33.2	2,124	4.9	26,821	61.9	1,471	28,292	63.1
February	40,727	39,323	13,046	33.2	2,471	6.3	23,806	60.5	1,404	25,210	61.9
March	45,558	43,916	14,781	33.6	2,736	6.2	26,399	60.1	1,642	28,041	61.6
April	43,813	42,067	14,137	33.6	2,814	6.7	25,116	59.7	1,746	26,862	61.3
May	43,236	41,383	13,906	33.6	2,906	7.0	24,571	59.4	1,853	26,424	61.1
June	42,764	40,986	13,672	33.4	2,915	7.1	24,399	59.5	1,778	26,177	61.2
July	44,280	42,306	14,115	33.4	2,756	6.5	25,435	60.1	1,974	27,409	61.9
August	44,277	42,312	14,119	33.4	2,827	6.7	25,366	59.9	1,965	27,331	61.7
September	43,005	41,167	14,456	35.1	2,701	6.6	24,010	58.3	1,838	25,848	60.1
October	44,611	42,789	14,772	34.5	2,577	6.0	25,440	59.4	1,822	27,262	61.1
November	43,394	41,682	14,454	34.7	3,558	8.5	23,670	56.8	1,712	25,382	58.5
December	44,895	43,146	14,529	33.7	3,290	7.6	25,327	58.7	1,749	27,076	60.3
1983											
January	44,730	43,120	14,445	33.5	2,401	5.6	26,274	60.9	1,610	27,884	62.3
February	40,399	38,946	13,226	34.0	2,661	6.8	23,059	59.2	1,453	24,512	60.7
March	44,659	42,681	14,826	34.7	3,219	7.5	24,636	57.7	1,978	26,614	59.6
April	43,457	41,486	14,093	34.0	3,028	7.3	24,365	58.7	1,971	26,336	60.6
May	45,082	43,073	14,248	33.1	3,221	7.5	25,604	59.4	2,008	27,612	61.2
June	43,166	41,203	13,695	33.2	3,270	7.9	24,238	58.8	1,963	26,201	60.7
July	45,192	43,261	13,878	32.1	2,914	6.7	26,469	61.2	1,931	28,400	62.8
August	44,575	42,646	14,491	34.0	3,162	7.4	24,993	58.6	1,929	26,922	60.4
September	42,828	41,024	14,913	36.4	2,994	7.3	23,117	56.3	1,804	24,921	58.2
October	44,892	43,184	14,989	34.7	2,875	6.6	25,320	58.6	1,708	27,028	60.2
November	43,745	42,122	14,424	34.2	3,972	9.4	23,726	56.3	1,623	25,349	57.9
December	44,907	43,330	14,539	33.6	3,571	8.2	25,220	58.2	1,578	26,798	59.7

1/ The milk fat available for manufacturing purposes in California is Total Commercial Milk Fat Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Fat Usage.

TABLE 24. UTILIZATION OF MARKET AND MANUFACTURING SKIM MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1982-1983

YEAR AND MONTH	COMMERCIAL SKIM MILK PRODUCTION	MARKET SKIM MILK PRODUCTION AND USAGE							MANUFACTURING SKIM MILK PRODUCTION	SKIM MILK AVAILABLE FOR MANUFACTURE 1/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total	Total	Total	Relative to Production	Total	Relative to Production	Total	Relative to Production	Total	Total	Relative to Commercial Production
	(thousand pounds)	(thousand pounds)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(thousand pounds)	(percent)
1982	13,942,113	13,396,596	5,912,157	44.1	867,643	6.5	6,616,796	49.4	545,517	7,162,313	51.4
1983	14,165,861	13,598,598	6,005,553	44.2	858,001	6.3	6,735,044	49.5	567,263	7,302,307	51.5
1982											
January	1,122,172	1,085,938	499,645	46.0	70,345	6.5	515,948	47.5	36,234	552,182	49.2
February	1,042,190	1,006,607	453,572	45.1	67,850	6.7	485,185	48.2	35,583	520,768	50.0
March	1,182,438	1,140,196	516,303	45.3	78,118	6.8	545,775	47.9	42,242	588,017	49.7
April	1,145,356	1,100,249	491,557	44.7	74,408	6.8	534,284	48.6	45,107	579,391	50.6
May	1,189,088	1,139,043	485,963	42.7	77,829	6.8	575,251	50.5	50,045	625,296	52.6
June	1,189,434	1,141,102	471,740	41.3	74,654	6.5	594,708	52.1	48,332	643,040	54.1
July	1,232,507	1,178,382	482,999	41.0	74,780	6.3	620,603	52.7	54,125	674,728	54.7
August	1,227,171	1,173,970	484,939	41.3	75,533	6.4	613,498	52.3	53,201	666,699	54.3
September	1,171,716	1,123,094	503,390	44.8	72,601	6.5	547,103	48.7	48,622	595,725	50.8
October	1,184,437	1,137,566	518,459	45.6	71,369	6.3	547,738	48.1	46,871	594,609	50.2
November	1,119,104	1,076,597	502,995	46.7	66,630	6.2	506,972	47.1	42,507	549,479	49.1
December	1,136,500	1,093,852	500,595	45.8	63,526	5.8	529,731	48.4	42,648	572,379	50.4
1983											
January	1,138,291	1,098,582	509,080	46.3	71,792	6.5	517,710	47.1	39,709	557,419	49.0
February	1,032,168	995,706	465,725	46.8	67,754	6.8	462,227	46.4	36,463	498,690	48.3
March	1,158,747	1,108,607	521,384	47.0	77,226	7.0	509,997	46.0	50,140	560,137	48.3
April	1,167,735	1,115,434	497,254	44.6	74,882	6.7	543,298	48.7	52,301	595,599	51.0
May	1,240,371	1,185,840	501,657	42.3	76,037	6.4	608,146	51.3	54,533	662,679	53.4
June	1,226,048	1,171,671	476,789	40.7	73,669	6.3	621,213	53.0	54,377	675,590	55.1
July	1,275,214	1,221,423	479,642	39.3	71,343	5.8	670,438	54.9	53,790	724,228	56.8
August	1,245,947	1,192,844	500,804	42.0	75,242	6.3	616,798	51.7	53,102	669,900	53.8
September	1,186,806	1,137,981	520,919	45.8	70,654	6.2	546,408	48.0	48,824	595,232	50.2
October	1,208,133	1,163,251	526,579	45.3	68,562	5.9	568,110	48.8	44,882	612,992	50.7
November	1,141,298	1,100,760	503,072	45.7	67,851	6.2	529,837	48.1	40,538	570,375	50.0
December	1,145,103	1,106,499	502,648	45.4	62,989	5.7	540,862	48.9	38,604	579,466	50.6

1/ The skim milk available for manufacturing purposes in California is Total Commercial Skim Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Skim Milk Usage.

SALES OF CLASS 1 MARKET MILK PRODUCTS

Total sales of Class 1 market milk products in California during 1983 amounted to approximately 718.3 million gallons. This included 648.7 million gallons of fluid whole milk and lowfat milk, 42.8 million gallons of fluid skim milk, 10.1 million gallons of half-and-half, and 16.8 million gallons of yogurt and miscellaneous Class 1 products. The sales of fluid whole and lowfat milk included approximately 16.0 million gallons to the Federal Government and 632.7 million gallons to the civilian trade.

Beginning January 1974, changes were made in the usage classification of several products made with market grade milk. The changes which are reflected in this section are as follows: (1) The product called flavored dairy drink was replaced by flavored lowfat milk, and flavored nonfat milk, and included as components of lowfat milk sales, and fluid skim milk sales, respectively; (2) all fluid cream items except half-and-half became Class 2 usage items; and (3) yogurt sales plus sales of the Class 1 skim portion of imitation milk products have been included as part of Class 1 sales. Because of these changes, valid comparisons between 1983 Class 1 sales and Class 1 sales for years prior to 1974 are difficult.

Between 1982 and 1983, total Class 1 sales were up 1.6 percent. Sales of fluid whole and lowfat milk increased 1.3 percent, sales of fluid skim milk increased 0.8 percent, and sales of fluid half-and-half were up 3.8 percent.

A summary of fluid milk sales by type of trade in California for the years 1966 through 1983 is presented in Table 36. During 1983, sales of market whole milk and lowfat milk to the wholesale trade (stores, restaurants, schools, hospitals, etc.) by distributors on their own routes represented 84.9 percent of total sales; sales by distributors on their own routes to retail customers accounted for 0.2 percent; sales to retail customers cash-and-carry at ranch and/or processing plant, 0.6 percent; sales to subdistributors or peddlers for resale to the trade, 11.9 percent; and sales to the Federal Government, 2.5 percent.

TABLE 25. SALES OF CLASS 1 MARKET MILK PRODUCTS IN CALIFORNIA, BY YEARS 1966-1983

	Whole and Lowfat Milk			Market Skim Milk	Flavored Dairy Drink	Half -and- Half	Market Cream			Total Class 1 2/
	Total	Federal Gov.	Other				Total	Sour	Other	
					(thousand gallons)					
1966	574,852	41,792	533,060	33,228	10,024	12,455	4,704	3,093	1,611	635,263
1967	574,084	40,897	533,187	34,015	9,637	11,711	4,647	3,120	1,527	634,094
1968	571,642	40,181	531,461	35,193	10,226	11,136	4,565	3,283	1,282	632,762
1969	568,672	37,630	531,042	34,904	10,341	10,412	4,197	3,350	847	628,526
1970	568,797	32,626	536,171	34,529	10,391	9,707	4,414	3,556	858	627,838
1971	569,655	30,396	539,259	36,220	9,864	8,427	4,516	3,597	919	628,682
1972	594,110	30,628	563,482	39,738	10,231	8,087	4,478	3,581	397	656,644
1973	600,990	30,178	570,812	41,523	9,820	8,166	4,605	3,773	832	665,104
1974	601,450	27,972	573,478	43,639	---	8,212	---	---	---	667,482
1975	609,327	23,428	585,899	46,263	---	8,207	---	---	---	678,782
1976	634,292	21,683	612,609	46,540	---	8,516	---	---	---	701,461
1977	646,060	20,254	625,806	47,312	---	8,614	---	---	---	714,355
1978	654,784	18,077	636,707	46,097	---	9,095	---	---	---	722,296
1979	662,761	17,203	645,558	45,046	---	9,378	---	---	---	731,723
1980	655,269	16,243	639,026	44,694	---	9,394	---	---	---	725,455
1981	650,965	15,476	635,489	44,170	---	9,650	---	---	---	719,615
1982	640,484	15,340	625,144	42,429	---	9.700	---	---	---	707,272
1983	648,682	15,970	632,712	42,768	---	10,068	---	---	---	718,273
1980										
January	56,918	1,434	55,484	3,746	Included in Market Whole, Lowfat, and Skim Milk	769	No longer Class 1 products			62,735
February	53,761	1,338	52,423	3,734		740				59,641
March	55,055	1,365	53,690	3,897		773				61,169
April	53,808	1,398	52,410	3,949		757				59,958
May	55,674	1,339	54,335	3,939		792				61,917
June	50,782	1,172	49,610	3,536		772				56,512
July	54,059	1,380	52,679	3,482		809				59,739
August	53,329	1,320	52,009	3,437		784				58,875
September	55,340	1,373	53,967	3,712		765				61,160
October	58,067	1,455	56,612	4,070		796				64,312
November	53,236	1,337	51,899	3,601		780				58,722
December	55,240	1,332	53,908	3,591		857				60,716
1981										
January	56,513	1,348	55,165	3,926	Included in Market Whole, Lowfat, and Skim Milk	782	No longer Class 1 products			62,364
February	50,444	1,312	49,132	3,532		710				55,886
March	56,442	1,494	54,948	4,062		792				62,657
April	53,608	1,340	52,268	3,806		789				59,478
May	53,903	1,265	52,638	3,885		793				59,902
June	52,435	1,218	51,217	3,634		810				58,285
July	54,241	1,344	52,897	3,491		845				59,920
August	53,476	1,230	52,246	3,384		816				58,877
September	54,605	1,291	53,314	3,616		776				60,212
October	57,156	1,268	55,888	3,866		814				63,086
November	53,568	1,133	52,435	3,568		828				59,120
December	54,574	1,233	53,341	3,400		895				59,826
1982										
January	54,289	1,462	52,827	3,592	Included in Market Whole, Lowfat, and Skim Milk	780	No longer Class 1 products			59,772
February	49,035	1,250	47,785	3,309		726				54,258
March	55,738	1,291	54,447	3,858		817				61,754
April	53,090	1,276	51,814	3,606		802				58,802
May	52,374	1,180	51,194	3,643		790				58,124
June	51,056	1,232	49,824	3,371		804				56,443
July	52,365	1,260	51,105	3,300		844				57,804
August	52,616	1,301	51,315	3,272		805				58,030
September	54,581	1,298	53,283	3,578		779				60,215
October	56,137	1,266	54,871	3,842		790				62,004
November	54,589	1,253	53,336	3,622		853				60,168
December	54,614	1,272	53,342	3,436		910				59,898
1983										
January	54,939	1,271	53,668	3,684	Included in Market Whole, Lowfat, and Skim Milk	798	No longer Class 1 products			60,875
February	50,184	1,228	48,956	3,424		746				55,692
March	56,123	1,464	54,659	3,819		855				62,350
April	53,487	1,405	52,082	3,721		800				59,459
May	53,830	1,243	52,587	3,732		881				59,989
June	51,372	1,318	50,054	3,340		833				57,033
July	51,987	1,300	50,687	3,204		843				57,386
August	54,319	1,360	52,959	3,312		859				59,918
September	56,344	1,349	54,995	3,668		817				62,306
October	56,788	1,346	55,442	3,911		827				62,973
November	54,557	1,343	53,214	3,525		866				60,153
December	54,752	1,346	53,406	3,428		943				60,138

1/ Subsequent to 1973, total Class 1 includes yogurt and miscellaneous Class 1 products.

TABLE 26. CLASS 1 SALES OF SELECTED FLUID MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, 1983

Marketing Area	Market Whole Milk	Market Lowfat Milk	Market Skim Milk (gallons)	Half-and-Half	Total Class 1
Northern California	119,956,380	99,612,199	12,029,638	4,044,646	Sales of yogurt and miscellaneous Class 1 products not available by marketing areas
Central Valley	1,802,591	1,176,869	97,525	19,028	
South Valley	26,625,125	13,508,149	1,517,739	531,517	
Southern California	242,347,968	139,729,280	28,949,898	5,379,097	
Del Norte-Humboldt	2,079,280	1,524,449	166,804	78,534	
Out of Area	207,064	113,239	6,533	15,553	
STATE TOTALS	393,018,408	255,664,185	42,768,137	10,068,375	718,272,674

TABLE 27. CLASS 1 SALES OF SELECTED MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, BY MONTHS, 1983 1/

Marketing Area	January	February	March	April	May	June (gallons)	July	August	September	October	November	December
Northern California	19,891,924	18,124,497	20,246,142	19,247,422	19,518,669	18,401,710	18,939,620	19,949,171	20,689,960	20,821,806	19,784,300	20,027,642
Central Valley	215,623	251,433	276,397	274,983	273,342	256,748	260,532	256,441	283,795	261,708	242,679	242,332
South Valley	3,609,850	3,227,691	3,596,487	3,381,366	3,548,451	3,351,342	3,407,937	3,648,487	3,735,762	3,688,322	3,524,537	3,462,298
Southern California	35,353,995	32,425,972	36,291,989	34,758,151	34,721,256	33,209,199	33,089,912	34,271,436	35,758,488	36,404,352	35,060,330	35,061,163
Del Norte-Humboldt	316,828	300,515	358,181	326,621	349,935	298,367	306,553	329,364	329,548	321,159	309,723	302,273
Out of Area	33,006	24,633	27,721	19,722	30,586	28,163	30,363	34,401	31,646	28,079	26,215	27,854
STATE TOTALS	59,421,226	54,354,741	60,796,917	58,008,265	58,442,239	55,545,529	56,034,917	58,489,300	60,829,199	61,525,426	58,947,784	59,123,562

1/ Sales of yogurt and miscellaneous Class 1 products are not included because they are not available by marketing area.

TABLE 28. TOTAL SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1983 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	18,568,227	16,894,253	18,853,390	17,929,136	18,162,673	17,128,341	17,644,697	18,596,486	19,320,639	19,389,123	18,434,579	18,647,035
Central Valley	206,400	243,116	267,150	265,355	264,002	247,586	251,022	245,244	272,424	252,929	232,460	231,772
South Valley	3,425,384	3,059,238	3,402,500	3,211,696	3,368,870	3,180,436	3,240,776	3,472,837	3,573,161	3,519,930	3,367,672	3,310,774
Southern California	32,409,489	29,682,696	33,237,608	31,756,768	31,678,076	30,511,434	30,535,651	31,663,296	32,840,443	33,298,922	32,208,690	32,254,175
Del Norte-Humboldt	298,355	281,225	336,002	305,900	327,639	278,355	286,873	308,779	308,036	300,488	289,441	282,636
Out of Area	31,414	23,120	26,160	18,258	28,627	26,386	28,294	32,007	29,527	26,134	24,382	25,994
STATE TOTALS	54,939,269	50,183,648	56,122,810	53,487,113	53,829,887	51,372,538	51,987,313	54,318,649	56,344,230	56,787,526	54,557,224	54,752,386

1/ Sales of market whole milk and lowfat milk to the Federal Government are included.

TABLE 29. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1983 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	18,084,652	16,441,650	18,321,775	17,451,482	17,708,596	16,646,907	17,193,575	18,111,733	18,839,354	18,890,816	17,958,651	18,167,042
Central Valley	170,387	156,108	171,385	176,330	166,445	158,916	161,560	158,268	175,708	162,085	149,999	150,689
South Valley	3,391,756	3,027,663	3,365,751	3,178,223	3,336,940	3,148,391	3,216,187	3,414,665	3,514,888	3,461,197	3,322,442	3,269,465
Southern California	31,692,416	29,026,634	32,438,646	30,952,872	31,019,556	29,796,265	29,801,751	30,934,205	32,128,085	32,601,601	31,469,978	31,510,762
Del Norte-Humboldt	297,863	280,763	335,419	305,322	327,121	277,958	286,296	308,217	307,420	300,022	288,914	282,170
Out of Area	31,414	23,120	26,160	18,258	28,627	26,386	28,294	32,007	29,527	26,134	24,382	25,994
STATE TOTALS	53,668,488	48,955,938	54,659,136	52,082,487	52,587,285	50,054,823	50,687,663	52,959,095	54,994,982	55,441,855	53,214,366	53,406,122

1/ Sales of market whole milk and lowfat milk to the Federal Government are not included. They are shown separately in Table 30.

TABLE 30. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA TO THE FEDERAL GOVERNMENT BY MARKETING AREAS, 1983

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	483,575	452,603	531,615	477,654	454,077	481,434	451,122	484,753	481,285	498,307	475,928	479,993
Central Valley	36,013	87,008	95,765	19,025	97,557	88,670	89,462	86,976	96,716	90,844	82,461	81,083
South Valley	33,628	31,575	36,749	33,473	31,930	32,045	24,589	58,172	58,273	58,733	45,230	41,309
Southern California	717,073	656,062	798,962	803,896	658,520	715,169	733,900	729,091	712,358	697,321	738,712	743,413
Del Norte-Humboldt	492	462	583	578	518	397	577	562	616	466	527	466
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	1,270,781	1,227,710	1,463,674	1,404,626	1,242,602	1,317,715	1,299,650	1,359,554	1,349,248	1,345,671	1,342,858	1,346,264

TABLE 31. SALES OF MARKET WHOLE MILK IN CALIFORNIA, BY MARKETING AREAS, 1983

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	10,126,256	9,222,856	10,239,588	9,677,738	9,756,556	9,534,680	9,935,009	10,536,342	10,490,425	10,404,475	9,879,857	10,152,598
Central Valley	127,097	148,133	163,630	160,224	156,726	154,670	158,996	156,004	157,704	142,165	136,180	141,062
South Valley	2,214,268	1,987,876	2,215,600	2,054,769	2,216,348	2,181,500	2,248,551	2,434,532	2,364,484	2,289,340	2,197,053	2,220,804
Southern California	20,477,966	18,711,835	21,071,594	20,011,490	19,882,938	19,498,350	19,733,764	20,622,130	20,828,110	20,848,309	20,226,179	20,435,303
Del Norte-Humboldt	169,781	158,897	194,727	178,069	188,891	160,205	170,595	183,642	176,658	170,062	164,281	163,472
Out of Area	20,135	15,455	17,490	11,895	18,645	17,260	18,537	21,322	18,321	16,709	15,716	15,579
STATE TOTALS	33,135,503	30,245,052	33,902,629	32,094,185	32,220,104	31,546,665	32,265,452	33,953,972	34,035,702	33,871,060	32,619,266	33,128,818

TABLE 32. SALES OF LOWFAT MARKET MILK IN CALIFORNIA, BY MARKETING AREAS, 1983 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	8,441,971	7,671,397	8,613,802	8,251,398	8,406,117	7,593,661	7,709,688	8,060,144	8,830,214	8,984,648	8,554,722	8,494,437
Central Valley	79,303	94,983	103,520	105,131	107,276	92,916	92,026	89,240	114,720	110,764	96,280	90,710
South Valley	1,211,116	1,071,362	1,186,900	1,156,927	1,152,522	998,936	992,225	1,038,305	1,208,677	1,230,590	1,170,619	1,089,970
Southern California	11,931,523	10,970,861	12,166,014	11,745,278	11,795,138	11,013,084	10,801,887	11,041,166	12,012,333	12,450,613	11,982,511	11,818,872
Del Norte-Humboldt	128,574	122,328	141,275	127,831	138,748	118,150	116,278	125,137	131,378	130,426	125,160	119,164
Out of Area	11,279	7,665	8,670	6,363	9,982	9,126	9,757	10,685	11,206	9,425	8,666	10,415
STATE TOTALS	21,803,766	19,938,596	22,220,181	21,392,928	21,609,783	19,825,873	19,721,861	20,364,677	22,308,528	22,916,466	21,937,958	21,623,568

1/ These data are included in Tables 28, 29, 30, and 36 to 41 inclusive.

TABLE 33. SALES OF MARKET SKIM MILK IN CALIFORNIA BY MARKETING AREAS, 1983

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	1,005,250	932,059	1,050,178	998,930	1,020,804	949,759	965,048	1,006,251	1,035,771	1,092,296	992,302	980,990
Central Valley	8,210	7,368	8,407	8,536	8,146	8,108	8,190	8,545	8,868	8,092	7,674	7,381
South Valley	140,891	132,771	148,662	131,948	122,968	112,891	115,810	123,584	121,389	129,030	118,488	119,307
Southern California	2,514,383	2,337,793	2,595,581	2,566,565	2,563,753	2,256,108	2,102,049	2,159,679	2,486,737	2,667,523	2,392,629	2,307,098
Del Norte-Humboldt	14,750	14,057	15,731	14,610	15,347	13,132	12,573	13,128	14,462	13,574	13,174	12,266
Out of Area	569	502	585	378	576	293	590	700	610	555	511	664
STATE TOTALS	3,684,053	3,424,550	3,819,144	3,720,967	3,731,594	3,340,291	3,204,260	3,311,887	3,667,837	3,911,070	3,524,778	3,427,706

TABLE 34. SALES OF HALF-AND-HALF IN CALIFORNIA, BY MARKETING AREAS, 1983

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	318,447	298,185	342,574	319,356	335,192	323,610	329,875	346,434	333,550	340,387	357,419	399,617
Central Valley	1,013	949	840	1,092	1,194	1,054	1,320	2,652	2,503	687	2,545	3,179
South Valley	43,575	35,682	45,325	37,722	56,613	58,015	51,351	52,066	41,212	39,362	38,377	32,217
Southern California	430,123	405,483	458,800	434,818	479,427	441,657	452,212	448,461	431,308	437,907	459,011	499,890
Del Norte-Humboldt	3,723	5,233	6,448	6,111	6,949	6,880	7,107	7,457	7,050	7,097	7,108	7,371
Out of Area	1,023	1,011	976	1,086	1,383	1,484	1,479	1,694	1,509	1,390	1,322	1,196
STATE TOTALS	797,904	746,543	854,963	800,185	880,758	832,700	843,344	858,764	817,132	826,830	865,782	943,470

TABLE 35. SALES OF CLASS 1 YOGURT IN CALIFORNIA, 1977-1983

	1977	1978	1979	1980	1981	1982	1983
				(gallons)			
January	840,848	946,944	1,041,653	1,270,994	1,116,434	1,107,907	1,450,494
February	840,189	955,134	979,654	1,375,360	1,176,634	1,182,459	1,332,739
March	1,000,518	1,047,245	1,112,377	1,411,460	1,332,044	1,337,986	1,548,441
April	1,002,256	999,083	1,120,263	1,418,033	1,252,399	1,300,627	1,446,942
May	1,024,513	1,099,612	1,241,333	1,482,010	1,302,825	1,313,424	1,541,868
June	982,821	979,419	1,171,482	1,393,047	1,388,540	1,208,097	1,482,345
July	954,406	966,629	1,155,436	1,361,068	1,335,357	1,290,316	1,346,735
August	1,047,699	965,313	1,252,284	1,295,974	1,197,118	1,333,096	1,424,961
September	1,038,497	949,304	1,288,544	1,316,919	1,211,423	1,272,345	1,472,865
October	997,270	1,075,560	1,437,105	1,350,747	1,245,992	1,230,410	1,443,482
November	893,752	871,461	1,184,802	1,078,230	1,150,738	1,099,467	1,200,836
December	768,518	787,560	1,090,876	998,967	952,406	932,382	1,009,416
STATE TOTALS	11,391,287	11,643,264	14,075,809	15,752,809	14,661,910	14,608,516	16,701,124

TABLE 36. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE, 1966-1983 1/

	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total
			(thousand gallons)			
1966	328,760	105,551	39,502	56,473	41,792	572,078
1967	340,231	94,689	37,919	57,665	40,897	571,401
1968	350,504	83,247	35,293	59,935	40,181	569,160
1969	361,007	71,788	33,587	62,570	37,630	566,582
1970	379,699	49,879	31,690	73,051	32,626	566,945
1971	392,862	36,244	26,471	82,058	30,396	568,031
1972	416,564	31,096	24,880	89,512	30,628	592,680
1973	428,065	26,436	21,495	93,488	30,178	599,662
1974	439,995	16,668	18,779	96,472	27,973	599,887
1975	462,723	11,208	15,179	95,128	23,428	607,666
1976	488,481	8,610	12,141	101,974	21,683	632,889
1977	516,333	6,631	9,850	92,146	20,254	645,214
1978	538,073	5,534	8,607	83,983	18,077	654,274
1979	552,364	4,650	7,596	80,735	17,203	662,548
1980	552,691	2,814	6,509	76,682	16,245	654,941
1981	553,703	2,130	5,465	74,024	15,477	650,799
1982	545,833	1,978	4,491	72,842	15,340	640,484
1983	550,530	1,122	3,958	77,102	15,970	648,682
1980						
January	47,800	342	602	6,713	1,434	56,891
February	45,162	324	574	6,339	1,338	53,737
March	46,309	273	585	6,496	1,365	55,028
April	45,172	259	562	6,390	1,398	53,781
May	46,594	276	576	6,860	1,339	55,645
June	42,995	228	512	5,850	1,172	50,757
July	45,703	205	508	6,236	1,380	54,032
August	45,108	173	514	6,189	1,320	53,304
September	46,506	186	533	6,701	1,373	55,299
October	49,166	193	551	6,671	1,456	58,037
November	45,073	163	488	6,151	1,338	53,213
December	47,103	192	504	6,086	1,332	55,217
1981						
January	58,386	190	514	6,051	1,349	56,490
February	42,788	171	485	5,669	1,312	50,425
March	47,759	180	540	6,447	1,494	56,420
April	45,450	175	504	6,116	1,340	53,585
May	45,735	173	497	6,212	1,265	53,882
June	44,747	187	375	5,886	1,218	52,413
July	46,017	169	419	6,272	1,344	54,221
August	45,596	163	410	6,060	1,230	53,459
September	46,229	178	451	6,456	1,291	54,605
October	48,605	186	453	6,645	1,268	57,157
November	45,721	174	414	6,126	1,133	53,568
December	46,670	184	403	6,084	1,233	54,574
1982						
January	46,386	173	392	5,876	1,462	54,289
February	41,750	157	360	5,518	1,250	49,035
March	47,648	185	401	6,213	1,291	55,738
April	45,496	172	379	5,767	1,276	53,090
May	44,801	166	380	5,847	1,180	52,374
June	43,564	176	371	5,713	1,232	51,056
July	44,653	150	347	5,955	1,260	52,365
August	44,767	141	372	6,035	1,301	52,616
September	46,103	165	397	6,618	1,298	54,581
October	47,866	171	382	6,452	1,266	56,137
November	46,245	162	388	6,541	1,253	54,589
December	46,555	159	320	6,308	1,272	54,614
1983						
January	46,844	108	318	6,399	1,271	54,939
February	42,560	96	334	5,965	1,228	50,184
March	47,441	101	362	6,754	1,464	56,123
April	45,104	94	344	6,540	1,405	53,487
May	45,553	94	345	6,595	1,243	53,830
June	43,610	91	316	6,037	1,318	51,372
July	44,167	85	307	6,128	1,300	51,987
August	46,050	84	327	6,498	1,360	54,319
September	47,847	97	415	6,636	1,349	56,344
October	48,192	92	304	6,854	1,346	56,788
November	46,483	92	292	6,347	1,343	54,557
December	46,677	87	294	6,348	1,346	54,752

1/ Additional detail may be found in Tables 30, 37, 38, 39, 40, and 41.

TABLE 37. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA MARKETING AREAS, BY TYPE OF TRADE, 1983 1/

Marketing Area	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total
			(gallons)			
Northern California	184,185,467	122,761	430,515	29,077,490	5,752,346	219,568,579
Central Valley	1,957,880	---	---	---	1,021,580	2,979,460
South Valley	31,698,102	636,997	556,276	6,756,193	485,706	40,133,274
Southern California	330,136,231	356,317	2,950,357	39,929,866	8,704,477	382,077,248
Del Norte-Humboldt	2,552,425	6,148	21,056	1,017,856	6,244	3,603,729
Out of Area	---	---	---	320,303	---	320,303
STATE TOTALS	550,530,105	1,122,223	3,958,204	77,101,708	15,970,353	648,682,593

1/ Monthly detail for each of the trade types may be found in Tables 38, 39, 40, 41, and 30, respectively.

TABLE 38. WHOLESALE SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1983 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	15,527,171	14,099,342	15,764,526	14,952,225	15,107,900	14,329,246	14,904,737	15,693,894	16,240,400	16,134,776	15,611,975	15,819,275
Central Valley	170,387	156,108	171,385	176,330	166,445	158,916	161,560	158,268	175,708	162,085	149,999	150,689
South Valley	2,744,380	2,413,624	2,676,749	2,498,951	2,632,368	2,481,022	2,585,073	2,764,379	2,785,155	2,791,706	2,680,779	2,643,916
Southern California	28,190,890	25,688,315	28,579,398	27,251,632	27,410,529	26,447,274	26,317,165	27,221,321	28,437,368	28,895,932	27,834,252	27,862,155
Del Norte-Humboldt	211,585	203,154	249,001	224,997	236,100	194,045	198,083	211,774	208,596	207,874	206,333	200,883
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	46,844,413	42,560,543	47,441,059	45,104,135	45,553,342	43,610,503	44,166,618	46,049,636	47,847,227	48,192,373	46,483,338	46,676,918

1/ Sales to institutions, such as California correctional facilities, are included.

TABLE 39. RETAIL HOME-DELIVERED SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1983

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	11,832	10,956	11,008	10,535	10,806	10,327	9,847	9,907	9,663	9,427	9,334	9,119
Central Valley	---	---	---	---	---	---	---	---	---	---	---	---
South Valley	57,001	52,294	58,232	55,658	56,895	54,133	49,813	48,738	50,673	51,666	50,579	51,315
Southern California	38,353	32,605	31,492	27,457	25,789	26,044	25,341	24,781	36,252	30,548	31,822	25,833
Del Norte-Humboldt	633	604	677	447	621	512	434	582	365	540	315	418
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	107,819	96,459	101,409	94,097	94,111	91,016	85,435	84,008	96,953	92,181	92,050	86,685

TABLE 40. CASH-AND-CARRY SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1983

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	45,844	42,186	47,287	46,860	33,278	30,441	30,946	32,532	30,253	31,221	30,286	29,381
Central Valley	---	---	---	---	---	---	---	---	---	---	---	---
South Valley	46,788	52,287	46,697	50,312	47,614	43,018	43,392	45,328	48,513	40,154	42,062	50,111
Southern California	223,152	238,276	266,219	245,218	261,647	241,356	231,507	247,415	334,968	230,359	217,204	213,036
Del Norte-Humboldt	1,728	1,460	2,087	1,720	2,115	1,530	1,461	1,765	1,475	1,865	2,170	1,680
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	317,512	334,209	362,290	344,110	344,654	316,345	307,306	327,040	415,209	303,599	291,722	294,208

TABLE 41. PEDDLER SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1983

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,499,805	2,289,166	2,498,954	2,441,862	2,556,612	2,276,893	2,248,045	2,375,400	2,559,038	2,715,392	2,307,056	2,309,267
Central Valley	---	---	---	---	---	---	---	---	---	---	---	---
South Valley	543,587	509,458	584,073	573,302	600,063	570,218	537,909	556,220	630,547	577,671	549,022	524,123
Southern California	3,240,021	3,067,438	3,561,537	3,428,565	3,321,591	3,081,591	3,227,738	3,440,688	3,319,497	3,444,762	3,386,700	3,409,738
Del Norte-Humboldt	83,917	75,545	83,654	78,158	88,285	81,871	86,318	94,096	96,984	89,743	80,096	79,189
Out of Area	31,414	23,120	26,160	18,258	28,627	26,386	28,294	32,007	29,527	26,134	24,382	25,994
STATE TOTALS	6,398,744	5,964,727	6,754,378	6,540,145	6,595,178	6,036,959	6,128,304	6,498,411	6,635,593	6,853,702	6,347,256	6,348,311

MANUFACTURE OF DAIRY PRODUCTS

Approximately 190.8 million pounds of butter were manufactured in California during 1983. This was 5.9 percent less than 1982 and 73.3 percent more than the amount produced 10 years earlier in 1973.

The total manufacture of cheese, other than cottage cheese, in California during 1983 was approximately 281.2 million pounds. This production was 12.4 percent more than in 1982 and approximately 6 times the amount produced 10 years earlier. Of the cheese manufactured in 1983 approximately 164.9 million pounds were whole-milk varieties and 116.4 million pounds were part-skim and full-skim varieties. Between 1982 and 1983, the manufacture of whole-milk cheese increased 19.4 percent and the manufacture of part-skim and full-skim cheese rose 3.8 percent. Table 46 presents the annual manufacture of cheese in California by major varieties for 1973 through 1983.

During 1983, approximately 84.3 million pounds of dry curd cottage cheese were manufactured in California. The addition of creaming mixtures to this curd resulted in an output of 83.3 million pounds of cottage cheese and 50.0 million pounds of lowfat cottage cheese. The approximate combined total of 133.3 million pounds manufactured represents cottage cheese in the form in which most of it is consumed. Between 1982 and 1983, the manufacture of cottage cheese and lowfat cottage cheese combined decreased approximately 0.9 percent. The manufacture of lowfat cottage cheese increased 1.5 percent while the manufacture of cottage cheese decreased 2.3 percent.

During 1983 approximately 163.8 million pounds of bulk unsweetened condensed skim milk were manufactured. This was 12.9 percent more than was manufactured during 1982.

During 1983 approximately 267.1 million pounds of nonfat-dry-milk for human consumption and 1.5 million pounds of nonfat-dry-milk for animal feed were manufactured in California. This was a decrease of 4.5 percent from 1982 for nonfat-dry-milk for human consumption and a decrease of 20.3 percent for nonfat-dry-milk for animal feed.

Approximately 9.8 million gallons of fluid buttermilk were manufactured in California during 1983. This was 1.2 percent more than the output during 1982.

The manufacture of frozen dairy products in California during 1983 included approximately 101.1 million gallons of ice cream; 27.8 million gallons of ice milk; 4.8 million gallons of sherbet; 0.4 million gallons of imitation ice cream; and 0.4 million gallons of imitation ice milk. The approximate total of 134.5 million gallons was 4.4 percent more than that manufactured during 1982. The above figures do not include approximately 3.4 million gallons of frozen yogurt manufactured in California in 1983. From 1982 to 1983 the manufacture of ice cream rose 6.1 percent. During the same period the manufacture of ice milk increased 0.4 percent, the manufacture of sherbet increased 0.2 percent, the manufacture of imitation ice cream declined 41.7 percent, and the manufacture of imitation ice milk was down 15.6 percent.

TABLE 42. MANUFACTURE OF BUTTER IN CALIFORNIA BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	10,747,814	10,962,167	12,592,617	13,936,278	14,651,221	16,389,834	13,706,153	17,472,840	18,269,455	20,171,690	19,308,876
February	9,148,061	9,989,288	11,202,981	12,275,942	12,123,977	13,686,543	11,204,275	14,368,038	15,261,939	17,724,011	16,325,399
March	9,896,787	10,151,825	11,694,039	13,381,540	14,640,591	13,185,028	10,475,405	15,021,046	17,293,307	19,363,903	16,725,687
April	9,089,760	11,072,643	12,346,089	12,676,329	12,989,137	11,994,616	12,368,969	15,708,064	16,438,185	18,841,361	16,765,427
May	9,311,851	11,202,095	12,152,798	13,157,264	14,192,474	11,799,244	12,422,328	16,267,872	16,086,130	17,107,921	16,684,347
June	9,261,617	10,944,203	10,661,744	12,762,151	13,486,607	10,409,551	11,563,892	14,940,750	14,212,188	15,287,300	14,013,743
July	9,037,054	11,306,455	11,825,001	12,262,099	12,721,550	11,422,898	12,035,293	15,712,291	13,882,773	15,696,889	15,056,091
August	8,991,494	10,995,455	11,774,787	12,853,778	12,038,240	10,539,619	12,783,856	14,458,690	14,769,701	14,848,865	14,505,658
September	8,054,716	9,914,230	10,514,034	11,398,496	11,806,168	11,203,995	12,166,567	15,861,546	15,217,859	15,058,144	14,494,730
October	9,537,611	10,197,702	10,564,615	11,857,142	13,231,827	9,629,160	12,738,973	15,906,239	18,197,073	16,634,931	16,707,427
November	8,163,152	8,643,438	9,993,856	9,275,922	11,621,442	8,443,751	12,250,821	13,560,172	15,647,474	15,017,214	14,664,231
December	8,855,105	10,229,583	10,326,667	11,198,867	13,439,129	10,230,387	13,250,536	15,905,969	17,084,388	16,975,480	15,533,196
Total	110,095,022	125,609,084	135,649,228	147,035,808	156,942,363	138,934,626	146,967,068	185,183,517	192,360,472	202,727,709	190,784,812

TABLE 43. MANUFACTURE OF CHEESE IN CALIFORNIA BY MONTHS, 1973-1983 1/

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	2,233,308	4,649,592	6,202,997	7,476,324	8,158,312	10,328,275	10,766,265	14,352,620	17,117,546	17,945,363	21,433,084
February	2,289,013	4,484,033	5,876,912	7,637,086	8,118,298	9,626,606	10,342,118	13,146,565	15,422,383	16,353,797	19,287,803
March	2,899,174	5,033,831	6,665,847	9,044,514	9,878,286	11,967,421	12,547,113	15,308,768	16,529,001	20,126,014	22,147,171
April	3,292,223	5,435,744	6,286,724	9,559,424	9,916,529	10,775,623	11,842,136	14,946,930	17,722,116	19,322,816	22,117,574
May	3,819,122	5,872,282	7,471,913	10,379,926	11,314,658	11,310,657	12,228,238	13,378,250	17,815,483	20,515,583	24,203,822
June	3,874,440	5,432,056	8,217,868	11,023,764	11,029,671	11,456,958	12,025,544	14,002,562	17,536,362	22,269,576	24,885,643
July	4,372,380	5,887,643	9,399,952	10,103,545	11,163,118	11,853,075	12,778,746	14,398,465	18,854,750	22,930,450	25,925,934
August	4,374,188	5,893,822	9,615,096	10,392,298	11,243,315	12,447,630	13,591,125	14,636,988	18,978,505	22,611,395	25,212,218
September	4,142,191	5,635,315	8,455,844	9,128,563	10,723,482	11,894,911	12,093,152	16,334,455	17,900,474	21,554,075	23,948,391
October	4,713,454	6,064,461	8,152,451	8,804,821	10,997,352	11,701,208	13,954,023	16,642,842	17,655,878	22,198,747	23,795,552
November	4,539,707	6,150,569	7,985,092	9,188,693	11,466,235	11,821,115	14,887,518	17,080,435	17,263,035	22,080,994	23,999,870
December	5,038,116	5,886,396	8,544,711	9,374,902	11,767,975	11,773,045	14,747,070	17,232,681	17,880,507	22,349,120	24,292,610
Total	45,587,316	66,425,744	92,875,407	112,113,860	125,777,231	136,956,524	151,803,048	181,461,561	210,676,040	250,257,930	281,249,672

1/ Cottage cheese is excluded.

TABLE 44. MANUFACTURE OF WHOLE-MILK CHEESE IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	1,005,239	1,560,920	1,511,660	2,042,267	2,294,249	3,103,047	3,294,742	5,793,911	7,405,476	10,219,835	12,323,899
February	1,029,721	1,486,849	1,377,894	2,059,710	2,481,482	3,040,349	3,441,575	5,332,701	6,861,335	9,381,816	10,743,409
March	1,317,267	1,809,457	1,646,762	2,535,844	3,477,078	4,226,157	4,467,087	6,273,763	7,658,588	9,511,834	13,174,356
April	1,307,023	1,846,736	1,452,349	2,634,464	3,066,458	3,368,812	4,162,377	6,577,656	7,946,504	8,783,492	13,105,931
May	1,495,538	1,924,140	1,813,742	2,388,070	3,435,374	3,898,227	4,100,322	6,988,406	7,940,171	11,875,399	14,175,483
June	1,452,816	1,669,649	2,007,923	2,701,323	3,233,817	3,867,179	4,359,996	7,447,266	8,290,020	12,414,808	15,079,106
July	1,514,552	1,827,988	2,085,959	2,663,221	3,433,669	3,728,329	4,422,971	7,779,555	10,393,659	12,739,109	15,709,965
August	1,724,906	1,936,283	2,033,691	2,715,814	3,314,091	4,015,751	4,559,802	6,785,922	10,685,986	12,512,398	14,877,643
September	1,443,974	1,708,975	1,891,202	2,628,726	3,370,561	3,841,589	4,261,523	7,061,751	10,014,976	12,167,025	13,914,406
October	1,617,688	1,846,738	2,314,405	2,795,602	3,576,313	4,011,264	5,796,295	6,479,511	9,734,609	12,896,818	13,161,473
November	1,800,186	1,953,805	2,161,720	3,128,518	4,274,277	4,335,231	6,730,691	7,141,578	10,296,183	12,853,260	14,352,878
December	1,827,587	1,735,493	2,405,543	3,014,070	4,059,110	3,984,139	6,327,398	7,043,474	10,029,239	12,750,256	14,266,908
Total	17,536,497	21,307,033	22,702,850	31,307,629	40,016,479	45,420,074	55,924,779	80,705,494	107,256,746	138,106,050	164,885,457

TABLE 45. MANUFACTURE OF PART-SKIM AND FULL-SKIM CHEESE IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	1,228,069	3,088,672	4,691,337	5,434,057	5,864,063	7,225,228	7,471,523	8,558,709	9,712,070	7,725,528	9,109,185
February	1,259,292	2,997,184	4,499,018	5,577,376	5,636,816	6,586,257	6,900,543	7,813,864	8,561,048	6,971,981	8,544,394
March	1,581,907	3,224,374	5,019,085	6,508,670	6,401,208	7,741,264	8,080,026	9,035,005	8,870,413	10,614,180	8,972,815
April	1,985,200	3,589,008	4,834,375	6,924,960	6,850,071	7,406,811	7,679,759	8,369,274	9,775,612	10,539,324	9,011,643
May	2,323,584	3,948,142	5,658,171	7,991,856	7,879,284	7,412,430	8,127,916	6,389,844	9,875,312	8,640,184	10,028,339
June	2,421,624	3,762,407	6,209,945	8,322,441	7,795,854	7,589,779	7,665,548	6,555,296	9,246,342	9,854,768	9,806,537
July	2,857,828	4,059,655	7,313,993	7,440,324	7,729,449	8,124,746	8,355,775	6,857,433	8,461,091	10,191,341	10,215,969
August	2,649,282	3,957,539	7,581,405	7,676,484	7,929,224	8,431,879	9,031,323	7,612,543	8,292,519	10,098,997	10,334,575
September	2,698,217	3,926,340	6,564,642	6,499,837	7,352,921	8,053,322	7,831,629	9,272,704	7,885,498	9,387,050	10,033,985
October	3,095,766	4,217,723	5,838,046	6,009,219	7,421,039	7,689,944	8,157,728	10,163,331	7,921,269	9,301,929	10,634,079
November	2,739,521	4,196,764	5,823,372	6,060,175	7,191,958	7,485,884	8,156,827	9,938,857	6,966,852	9,227,734	9,646,992
December	3,210,529	4,150,903	6,139,168	6,360,832	7,708,865	7,788,906	8,419,672	10,189,207	7,851,268	9,598,864	10,025,702
Total	28,050,819	45,118,711	70,172,557	80,806,231	85,760,752	91,536,450	95,878,269	100,756,067	103,419,294	112,151,880	116,364,215

TABLE 46. MANUFACTURE OF CHEESE IN CALIFORNIA, BY VARIETIES, 1973-1983 1/

	WHOLE-MILK CHEESE						Part and Full-skim Cheese	Total
	American Cheddar	Monterey	Cream	Italian	Other Varieties	All Varieties	All Varieties	
				(pounds)				
1973	932,836	4,170,950	3,009,665	7,716,990	1,706,056	17,536,497	28,050,819	45,587,316
1974	1,217,078	4,185,017	3,698,368	10,669,735	1,536,835	21,307,033	45,118,711	66,425,744
1975	1,044,126	4,390,338	4,728,098	10,957,821	1,582,467	22,702,850	70,172,557	92,875,407
1976	2,229,402	6,255,894	6,121,087	15,037,311	1,663,935	31,307,629	80,806,231	112,113,860
1977	4,907,528	7,428,076	8,602,083	17,848,167	1,230,625	40,016,479	85,760,752	125,777,231
1978	6,104,926	9,240,999	9,489,692	19,430,775	1,153,682	45,420,074	91,536,450	136,956,524
1979	12,608,285	10,892,975	9,718,490	21,449,818	1,255,231	55,924,799	95,878,269	151,803,068
1980	36,421,283	11,284,408	7,170,170	24,402,956	1,426,677	80,705,494	100,756,067	181,461,561
1981	57,137,034	13,806,456	8,564,955	26,354,122	1,394,179	107,256,746	103,419,294	210,676,040
1982	78,720,707	19,023,143	10,811,407	28,163,450	1,387,343	138,106,050	112,151,880	250,257,930
1983	84,747,859	25,067,086	11,183,010	42,543,960	1,343,542	164,885,457	116,364,215	281,249,672

1/ Cottage cheese is excluded.

TABLE 47. MANUFACTURE OF DRY CURD COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	9,848,332	9,647,590	8,772,633	8,784,816	8,821,369	8,555,193	8,553,584	8,388,650	8,316,490	7,435,377	7,374,644
February	9,249,555	8,979,980	8,311,003	8,198,303	8,086,778	8,048,785	7,692,518	8,100,555	7,564,786	6,955,977	6,760,261
March	10,511,685	9,880,725	8,769,151	9,343,707	9,207,129	9,127,474	9,124,044	8,786,304	8,423,881	8,102,337	7,645,925
April	10,157,696	9,290,489	8,466,937	8,838,416	8,840,526	8,766,513	8,407,773	8,650,741	8,486,280	7,623,330	7,549,011
May	10,480,321	9,639,003	9,424,678	9,691,827	9,247,397	9,521,989	9,175,161	8,742,730	9,102,668	8,026,146	7,501,383
June	10,016,360	9,318,624	9,065,336	9,290,274	9,141,362	8,960,525	8,682,715	8,494,076	9,119,751	7,630,116	7,287,505
July	10,048,587	9,546,019	8,852,506	9,427,987	8,908,293	8,498,589	8,550,961	9,016,215	8,997,098	7,651,955	7,118,641
August	9,722,168	9,368,456	8,650,326	9,076,138	9,170,486	9,048,073	8,962,626	8,932,936	8,444,538	7,662,961	7,409,483
September	8,980,985	9,107,393	8,502,292	9,050,109	8,815,959	8,750,809	8,637,639	8,224,678	7,864,806	7,362,107	6,965,640
October	9,625,066	9,276,813	8,788,308	8,985,906	8,744,202	9,122,082	8,761,860	8,449,034	7,413,406	7,282,424	6,765,722
November	8,631,898	8,301,323	7,895,481	8,467,297	8,172,446	7,892,489	7,344,452	7,823,489	7,117,964	6,340,007	6,236,695
December	8,190,118	7,800,942	7,593,574	7,442,166	7,683,556	7,164,394	7,528,050	7,279,978	6,624,347	5,997,343	5,730,292
Total	115,462,771	110,157,357	103,092,225	106,596,946	104,839,503	103,456,915	101,421,383	100,889,386	97,476,015	88,070,080	84,345,202

TABLE 48. MANUFACTURE OF LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1973-1983 1/

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	3,752,615	3,652,816	3,470,980	3,616,842	3,600,474	3,764,804	3,843,544	4,061,641	4,209,653	4,006,481	4,361,457
February	3,427,589	3,374,184	3,084,193	3,430,932	3,345,070	3,488,713	3,495,923	3,883,595	3,878,860	3,861,500	3,931,079
March	3,834,360	3,649,387	3,455,308	3,888,849	3,768,905	4,096,729	4,135,972	4,180,645	4,402,320	4,518,937	4,501,084
April	3,803,646	3,400,144	3,498,758	3,619,523	3,626,851	3,903,565	3,936,209	4,286,549	4,475,300	4,324,553	4,477,603
May	3,919,410	3,621,149	3,954,872	3,919,527	3,899,727	4,361,463	4,411,876	4,338,204	4,929,638	4,439,553	4,572,122
June	3,691,540	3,387,994	3,698,119	3,794,034	3,608,846	4,003,132	3,976,245	4,332,653	4,749,096	4,161,630	4,382,668
July	3,517,045	3,474,205	3,681,714	3,792,626	3,399,140	3,692,613	3,996,987	4,646,651	4,675,398	4,415,952	4,213,732
August	3,592,990	3,416,813	3,407,600	3,633,665	3,749,424	3,897,303	4,100,634	4,391,793	4,272,917	4,293,888	4,400,662
September	3,282,688	3,284,650	3,440,069	3,658,316	3,695,580	3,817,076	3,950,592	4,145,787	4,209,363	4,138,996	4,217,897
October	3,525,453	3,400,493	3,554,722	3,577,577	3,651,488	3,945,632	4,084,960	4,314,793	4,065,081	4,067,088	4,069,631
November	3,181,226	3,009,683	3,138,655	3,376,688	3,565,145	3,520,483	3,473,883	3,762,716	3,857,898	3,658,666	3,553,680
December	2,849,687	2,824,548	3,062,314	3,043,142	3,262,509	3,155,652	3,382,094	3,535,297	3,578,737	3,408,023	3,336,305
Total	42,378,249	40,496,066	41,447,304	43,351,721	43,173,159	45,647,165	46,788,919	49,880,324	51,304,261	49,295,267	50,017,920

1/ Lowfat cottage cheese is partially creamed.

TABLE 49. MANUFACTURE OF COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	10,804,752	9,745,751	8,956,412	8,310,661	8,681,220	8,298,828	8,444,323	8,223,870	7,665,950	7,239,576	7,081,527
February	9,875,845	8,949,872	7,710,650	8,206,176	8,099,161	7,760,148	7,565,154	7,826,150	7,115,675	6,699,119	6,351,363
March	11,245,319	9,832,001	8,747,378	9,315,200	8,892,550	8,832,732	8,869,190	8,525,449	7,902,243	7,708,171	7,229,474
April	10,980,159	9,196,416	8,669,944	8,868,354	8,609,387	8,437,073	8,380,940	8,342,269	7,830,824	7,205,769	7,019,945
May	11,313,984	9,862,835	9,101,057	10,146,033	9,131,717	9,193,496	8,879,447	8,289,668	8,259,049	7,567,194	7,476,893
June	10,581,870	9,176,694	9,112,443	9,343,647	9,153,393	8,809,945	8,604,792	8,205,420	8,255,515	7,200,281	7,127,575
July	10,389,940	9,306,534	9,050,408	9,356,554	8,993,469	8,496,558	8,718,928	8,548,389	8,220,776	7,257,056	7,100,718
August	9,895,712	9,182,377	8,885,774	9,131,928	9,053,997	8,779,886	8,854,460	8,530,618	7,800,747	7,468,767	7,554,627
September	8,941,931	8,893,337	8,691,062	9,068,372	8,583,848	8,407,266	8,518,996	7,891,790	7,605,910	7,247,078	7,039,973
October	9,851,435	9,076,318	8,629,939	8,967,540	8,580,982	8,969,546	8,595,947	8,200,186	7,341,109	7,227,101	6,960,590
November	8,744,174	8,025,690	7,821,195	8,461,539	8,042,024	7,769,617	7,523,897	7,302,111	7,053,774	6,396,579	6,508,451
December	8,311,238	7,717,472	7,700,769	7,762,676	7,642,962	6,980,292	7,477,502	6,762,964	6,598,175	6,045,935	5,838,795
Total	120,936,359	108,965,297	103,077,031	106,938,680	103,464,710	100,735,387	100,433,576	96,648,884	91,649,747	85,262,626	83,289,931

TABLE 50. MANUFACTURE OF COTTAGE CHEESE AND LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	14,557,367	13,398,567	12,427,392	11,927,503	12,281,694	12,063,632	12,287,867	12,285,511	11,875,603	11,246,057	11,442,984
February	13,303,434	12,324,056	10,794,843	11,637,108	11,444,231	11,248,861	11,061,077	11,709,745	10,994,535	10,560,619	10,282,442
March	15,079,679	13,481,388	12,202,686	13,204,049	12,661,455	12,929,461	13,005,162	12,706,094	12,304,563	12,227,108	11,730,558
April	14,783,805	12,596,560	12,168,702	12,487,877	12,236,238	12,340,638	12,317,149	12,628,818	12,306,124	11,530,322	11,497,548
May	15,233,394	13,483,984	13,055,929	14,065,560	13,031,444	13,554,959	13,291,323	12,627,872	13,188,687	12,006,747	12,049,015
June	14,273,410	12,564,688	12,810,562	13,137,681	12,762,239	12,813,077	12,581,037	12,538,073	13,004,611	11,361,911	11,510,243
July	13,906,985	12,780,739	12,732,122	13,149,180	12,392,609	12,189,171	12,715,915	13,195,040	12,896,174	11,673,008	11,314,450
August	13,488,702	12,599,190	12,293,374	12,765,593	12,803,421	12,677,189	12,955,094	12,922,411	12,073,664	11,762,655	11,955,289
September	12,224,619	12,177,987	12,131,131	12,726,688	12,279,428	12,224,342	12,469,588	12,037,577	11,815,273	11,386,074	11,257,870
October	13,376,888	12,476,811	12,184,661	12,545,117	12,232,470	12,915,178	12,680,907	12,514,979	11,406,190	11,294,189	11,030,221
November	11,925,400	11,035,373	10,959,850	11,838,227	11,607,169	11,290,100	10,997,780	11,064,827	10,911,672	10,055,245	10,062,131
December	11,160,925	10,542,020	10,763,083	10,805,818	10,905,471	10,135,944	10,859,596	10,298,261	10,176,912	9,453,958	9,175,100
Total	163,314,608	149,461,363	144,524,335	150,290,401	146,637,869	146,382,552	147,222,495	146,529,208	142,954,008	134,557,893	133,307,851

TABLE 51. MANUFACTURE OF UNSWEETENED CONDENSED SKIM MILK IN CALIFORNIA, BY MONTHS, 1973-1983 1/

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	10,433,802	9,618,695	9,165,078	8,081,236	9,791,654	9,268,658	8,584,679	9,476,052	9,868,071	9,208,647	12,952,059
February	10,594,210	8,811,569	7,626,459	8,201,451	8,328,236	7,214,443	7,120,651	9,711,197	9,459,283	8,319,233	9,595,845
March	12,483,369	9,978,255	10,450,273	9,840,149	11,011,688	8,853,721	8,760,017	10,154,329	9,388,627	11,687,943	11,256,307
April	13,233,224	10,940,951	10,763,924	10,614,597	11,642,026	8,659,040	8,655,491	10,989,971	10,700,235	11,045,774	11,716,635
May	12,853,921	11,089,064	11,468,445	11,850,413	11,066,750	9,058,303	9,639,221	11,671,242	9,812,147	16,154,701	14,202,202
June	12,474,890	11,595,566	14,741,690	12,855,870	12,452,324	10,009,188	9,246,262	12,146,707	10,418,619	15,524,990	15,564,762
July	12,874,086	13,153,165	13,026,091	12,124,769	12,143,686	9,853,672	11,642,227	12,311,181	11,349,757	10,831,618	15,739,444
August	11,706,891	11,506,969	11,359,065	14,263,072	12,014,477	10,103,618	11,964,264	12,401,967	10,236,911	14,143,380	15,478,554
September	10,464,241	8,413,245	10,234,208	11,613,428	10,573,345	8,857,169	9,834,736	11,008,721	9,523,691	13,029,751	15,211,243
October	9,611,800	8,993,785	10,438,376	9,015,675	10,347,985	9,863,190	11,297,223	10,517,682	10,294,324	12,724,473	14,143,687
November	9,693,914	8,225,159	9,021,033	10,299,855	10,199,332	9,065,406	9,362,524	10,300,488	10,949,862	11,120,135	14,324,952
December	6,768,616	11,234,731	9,159,881	9,641,787	12,511,926	8,692,871	10,396,026	10,345,447	10,981,930	11,308,766	13,631,586
Total	133,192,964	123,561,154	127,454,523	128,402,302	132,083,429	109,499,279	116,503,321	131,034,984	122,983,457	145,099,411	163,817,276

1/ Bulk goods.

TABLE 52. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR HUMAN CONSUMPTION, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	9,253,676	7,475,740	9,035,862	10,791,036	10,569,350	12,884,450	8,962,224	15,454,077	18,455,445	22,994,664	21,424,183
February	8,797,675	7,804,479	9,503,929	10,851,296	11,593,076	11,016,653	8,304,622	14,475,250	17,534,087	21,590,016	16,494,334
March	10,037,828	9,830,353	10,833,292	12,610,301	13,315,478	11,648,330	11,524,576	16,033,128	21,114,324	24,702,566	20,576,912
April	11,[illegible]2,706	12,958,129	13,377,070	15,492,510	16,561,669	13,698,670	15,928,614	20,152,911	22,446,860	23,931,326	23,146,591
May	14,[illegible]5,994	15,253,087	16,079,604	16,455,018	17,671,645	14,977,989	18,559,318	24,481,766	23,613,380	25,796,772	24,911,807
June	13,915,579	15,662,440	15,802,979	16,401,921	18,549,932	16,111,259	19,938,666	24,520,792	22,519,106	24,420,992	25,622,979
July	14,308,799	15,688,877	15,877,147	17,257,017	19,682,565	18,201,082	20,903,488	25,803,776	23,801,328	25,471,509	27,128,242
August	13,101,637	14,994,998	14,624,309	16,156,848	17,252,583	15,872,671	20,696,740	23,783,065	23,490,570	24,560,029	24,292,875
September	10,053,913	10,693,257	10,831,815	11,865,423	14,203,492	12,268,126	17,022,984	20,647,326	21,878,667	21,893,654	19,967,215
October	8,527,775	9,519,112	10,589,187	11,166,815	14,205,928	10,186,067	16,358,759	19,929,656	23,815,803	22,116,181	22,674,789
November	8,159,914	7,820,894	9,459,471	10,278,288	12,279,436	9,446,170	15,056,120	17,652,461	21,334,319	20,008,441	20,233,197
December	9,097,916	9,718,696	10,869,052	11,869,999	13,979,498	10,586,351	15,189,768	19,682,429	23,271,639	22,111,699	20,623,356
Total	131,253,412	137,420,062	146,883,717	161,196,472	179,864,652	156,897,818	188,445,879	242,616,637	263,275,528	279,597,849	267,096,480

TABLE 53. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR ANIMAL FEED, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(pounds)					
January	59,551	59,167	65,507	66,638	58,617	85,559	58,359	86,577	134,919	137,936	150,742
February	53,738	45,809	63,984	57,275	68,169	91,792	56,539	100,878	94,365	119,782	108,078
March	67,881	64,327	78,300	53,911	76,625	89,570	64,650	133,266	154,188	135,077	88,087
April	66,718	98,672	90,718	105,228	90,662	90,652	86,380	99,863	126,439	192,902	131,393
May	82,6[illegible]2	77,119	108,030	202,646	112,930	101,778	118,655	133,522	148,126	235,174	132,764
June	89,295	107,751	144,855	82,613	115,699	98,670	106,576	155,472	180,054	233,343	126,088
July	106,926	152,679	156,867	111,120	139,194	145,775	150,033	154,648	210,961	172,949	203,572
August	89,306	205,000	139,450	112,797	134,706	96,819	152,431	132,554	138,140	190,686	187,312
September	74,914	70,679	109,324	98,043	114,654	88,036	107,556	183,154	186,125	186,563	112,363
October	58,896	68,118	62,264	98,943	115,868	78,788	120,645	137,595	167,370	105,243	88,082
November	66,960	45,694	47,761	61,746	74,969	83,432	96,416	127,027	174,985	95,564	90,130
December	65,157	50,423	66,002	53,746	84,598	85,563	108,413	143,926	268,310	125,667	119,429
Total	881,994	1,045,438	1,133,062	1,104,706	1,186,691	1,136,434	1,226,653	1,588,482	1,983,982	1,930,886	1,538,040

TABLE 54. MANUFACTURE OF BUTTERMILK IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(gallons)					
January	1,186,714	1,103,970	1,057,685	1,098,310	1,058,880	1,003,433	973,150	903,952	873,549	781,913	784,464
February	1,080,961	993,593	947,666	1,008,481	1,003,158	936,289	898,208	858,367	825,838	759,541	735,449
March	1,209,182	1,109,433	1,044,636	1,137,617	1,112,213	1,093,092	984,272	893,810	933,728	870,579	868,205
April	1,186,138	1,083,728	1,052,797	1,086,856	1,071,905	1,017,698	932,276	907,591	909,652	816,974	778,503
May	1,250,130	1,119,802	1,071,447	1,164,337	1,067,906	1,090,987	993,324	898,227	895,733	840,898	855,764
June	1,265,394	1,091,171	1,076,348	1,169,243	1,065,695	1,056,935	943,424	917,105	928,336	816,702	830,023
July	1,302,071	1,188,935	1,162,300	1,197,635	1,087,746	1,053,947	957,338	918,719	947,983	819,431	816,324
August	1,314,027	1,148,991	1,098,679	1,154,832	1,153,955	1,058,664	1,007,482	942,759	877,717	841,283	876,953
September	1,198,744	1,116,283	1,101,379	1,147,950	1,068,665	985,881	963,164	894,562	894,058	803,430	825,039
October	1,258,516	1,098,458	1,108,217	1,113,128	1,050,839	1,034,174	937,489	917,431	829,179	797,110	792,457
November	1,106,590	1,004,158	1,035,481	1,096,622	1,019,174	944,796	868,360	855,771	840,167	788,075	849,820
December	1,047,438	1,007,397	1,037,062	1,132,502	991,425	892,031	882,432	868,261	821,168	788,984	829,796
Total	14,405,905	13,065,919	12,793,697	13,507,513	12,751,561	12,167,927	11,340,919	10,776,555	10,577,108	9,724,920	9,842,797

TABLE 55. MANUFACTURE OF ICE CREAM IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(gallons)					
January	5,553,694	5,919,195	6,124,862	6,191,071	5,907,774	5,835,485	6,350,980	6,247,041	6,205,235	6,369,178	6,217,188
February	5,283,098	5,510,428	5,693,346	6,135,084	5,944,672	5,926,463	6,307,557	6,983,138	6,603,166	6,598,596	7,131,544
March	6,161,154	6,568,808	6,639,206	7,532,902	7,799,978	7,828,013	7,712,701	7,770,253	7,897,802	8,521,556	9,109,709
April	5,988,355	6,557,482	6,703,270	7,026,875	7,308,319	7,151,847	7,345,798	7,669,571	7,622,194	7,856,208	7,976,684
May	6,603,248	6,683,655	7,365,981	7,352,618	7,065,941	8,044,078	8,075,767	7,759,459	7,996,749	8,341,210	8,374,678
June	7,247,101	7,481,036	8,556,406	8,414,576	8,216,024	9,190,663	8,743,310	8,475,633	9,638,159	9,533,305	10,485,562
July	7,501,585	8,357,363	8,773,057	9,098,317	8,060,791	8,506,610	8,642,687	9,482,641	10,381,126	9,417,652	9,759,724
August	7,043,305	8,124,573	8,028,080	8,397,903	8,755,703	9,151,216	9,285,620	9,314,616	9,070,995	9,674,414	10,839,800
September	6,339,068	7,125,017	7,506,902	7,503,049	7,508,619	6,945,402	7,356,422	7,449,444	8,319,800	8,794,146	9,455,822
October	6,312,827	6,768,115	7,405,795	6,429,161	6,556,530	7,713,146	8,009,799	7,708,245	7,207,262	7,241,206	7,618,126
November	5,436,058	5,640,085	5,658,715	6,661,622	6,539,043	6,655,471	6,121,780	5,712,745	6,527,797	6,769,825	7,242,970
December	4,532,867	5,529,014	6,275,272	6,057,021	5,706,187	5,282,815	5,156,936	6,140,630	6,709,143	6,121,166	6,856,013
Total	74,002,360	80,264,771	84,730,892	86,800,199	85,369,581	88,231,209	89,109,357	90,713,416	94,179,428	95,238,462	101,067,820

TABLE 56. MANUFACTURE OF ICE MILK IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(gallons)					
January	1,934,187	2,235,050	1,899,744	1,900,399	1,713,423	1,782,391	1,877,067	1,872,419	1,881,620	1,809,087	1,679,849
February	1,855,842	1,937,291	1,866,529	1,824,942	1,869,612	2,012,162	1,904,318	2,001,004	1,981,683	1,952,525	1,838,821
March	2,327,313	2,270,860	2,351,827	2,512,319	2,521,498	2,469,702	2,425,873	2,346,037	2,283,809	2,328,022	2,249,443
April	2,425,483	2,437,799	2,297,546	2,264,591	2,334,809	2,322,322	2,301,330	2,335,254	2,551,102	2,378,287	2,113,932
May	2,630,683	2,709,705	2,775,099	2,534,664	2,503,741	2,933,525	2,629,670	2,552,836	2,527,268	2,571,628	2,652,139
June	2,906,770	2,719,560	2,903,342	2,615,247	2,856,664	2,958,212	2,740,882	2,622,433	2,977,307	2,660,004	2,720,504
July	2,826,442	3,037,060	3,142,004	2,669,884	2,738,493	2,770,006	2,788,345	2,936,872	2,960,275	2,787,994	2,702,191
August	2,849,978	2,959,873	2,863,496	2,469,495	2,926,940	3,008,282	2,802,117	2,843,620	2,595,438	2,831,783	2,977,533
September	2,361,769	2,537,053	2,596,843	2,312,986	2,568,294	2,383,569	2,509,214	2,708,163	2,486,816	2,452,936	2,638,887
October	2,349,299	2,446,155	2,466,981	2,194,081	2,311,192	2,509,024	2,496,452	2,488,298	2,173,617	2,267,901	2,391,954
November	1,955,866	1,851,859	2,020,465	2,049,072	1,972,672	2,119,654	2,119,034	1,899,994	1,915,522	1,928,209	1,964,902
December	1,675,699	1,682,336	2,024,371	1,868,762	1,799,371	1,733,465	1,822,970	2,149,025	2,042,557	1,761,571	1,913,665
Total	28,099,331	28,824,601	29,208,247	27,216,442	28,116,709	29,002,314	28,417,272	28,755,955	28,377,014	27,729,947	27,843,820

TABLE 57. MANUFACTURE OF SHERBET IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(gallons)					
January	422,739	460,598	425,339	397,052	411,666	349,157	383,318	364,749	311,770	347,199	300,390
February	406,516	401,815	330,019	437,252	386,777	313,724	329,255	336,516	349,817	293,585	313,134
March	479,159	455,098	455,128	533,318	500,613	462,368	456,522	385,572	401,241	412,352	376,730
April	484,435	531,311	473,018	517,125	440,192	404,669	381,212	451,686	376,517	397,404	386,881
May	581,688	531,205	521,658	517,225	519,196	523,444	489,162	437,732	447,270	443,050	427,181
June	625,895	677,441	610,483	772,432	583,643	614,240	593,302	438,194	552,303	483,359	522,594
July	725,906	673,779	610,724	764,628	603,670	520,876	549,096	609,372	674,031	462,494	466,175
August	558,509	692,469	561,021	578,995	681,118	532,562	546,676	553,265	459,737	534,173	549,806
September	492,581	537,475	535,232	568,992	486,265	392,661	422,243	367,276	464,936	467,853	450,009
October	456,270	466,134	493,205	423,015	382,210	497,272	465,705	416,086	328,654	320,424	349,525
November	387,248	371,711	331,810	435,332	387,815	355,030	329,777	289,340	260,100	297,396	329,927
December	301,871	366,655	433,046	388,799	327,574	265,793	241,448	365,870	325,359	287,516	282,559
Total	5,922,817	6,165,691	5,780,683	6,334,165	5,710,739	5,231,796	5,187,716	5,015,638	4,951,735	4,746,805	4,754,911

TABLE 58. MANUFACTURE OF IMITATION ICE CREAM IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
					(gallons)						
January	354,835	408,884	293,282	249,537	150,771	121,878	139,716	85,887	84,991	58,338	32,645
February	369,038	262,923	285,796	162,877	174,302	126,241	150,493	106,940	86,492	30,615	53,114
March	373,723	362,921	325,666	256,568	254,513	240,834	133,490	97,292	73,033	59,355	48,327
April	402,712	322,659	305,123	239,729	176,495	156,639	164,277	110,595	86,510	47,529	25,690
May	396,372	403,584	340,165	227,232	186,689	154,087	104,239	114,103	110,514	71,898	30,811
June	475,746	363,568	368,366	275,470	272,884	242,583	188,805	126,704	117,851	47,559	40,210
July	459,508	439,315	357,915	253,746	207,376	174,659	96,434	168,979	107,032	69,747	30,539
August	429,799	347,062	318,161	264,110	204,210	184,196	190,040	151,736	64,801	56,659	28,869
September	414,832	367,995	266,335	201,506	189,742	151,380	148,208	67,301	66,757	66,107	20,640
October	370,702	299,828	300,440	244,140	133,273	151,063	105,293	140,496	81,076	60,716	18,299
November	312,421	252,737	191,501	149,111	132,109	119,974	90,353	57,453	53,795	30,287	13,570
December	238,234	197,374	219,464	131,559	122,254	99,518	55,875	78,515	29,506	14,136	14,638
Total	4,597,922	4,028,850	3,572,214	2,655,585	2,204,618	1,923,052	1,567,223	1,306,001	962,358	612,946	357,352

TABLE 59. MANUFACTURE OF IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
					(gallons)						
January	413,792	325,270	235,128	175,776	120,086	77,208	94,091	57,320	50,508	27,760	23,517
February	362,007	318,340	267,368	169,570	150,497	111,726	70,614	60,396	75,254	36,135	27,978
March	480,622	384,440	284,481	305,227	200,798	122,171	135,401	82,734	65,790	71,433	48,673
April	418,211	376,679	280,182	296,356	149,576	158,291	92,791	113,594	78,968	64,878	32,556
May	525,297	411,833	308,778	261,889	179,315	144,561	134,940	75,362	69,301	54,879	39,311
June	526,504	429,558	355,000	251,204	176,219	169,502	105,344	105,706	95,035	56,758	70,585
July	530,275	426,222	331,111	289,209	190,826	141,430	125,292	106,439	94,074	56,279	46,039
August	515,641	427,599	298,634	232,217	211,782	145,842	109,214	105,737	71,097	41,278	63,399
September	390,475	370,816	289,092	193,613	159,909	132,860	77,619	80,342	61,626	43,527	31,075
October	396,854	330,463	206,551	154,566	107,156	126,571	105,029	70,986	52,600	30,088	33,483
November	345,138	266,217	173,934	153,307	120,752	92,476	60,237	54,087	44,893	34,339	21,614
December	256,232	198,555	144,081	119,128	105,707	75,157	49,762	46,511	22,790	15,546	11,496
Total	5,161,048	4,265,992	3,174,340	2,602,062	1,872,623	1,497,795	1,160,334	959,214	781,936	532,900	449,726

TABLE 60. MANUFACTURE OF IMITATION ICE CREAM AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(gallons)					
January	768,627	734,154	528,410	425,313	270,857	199,086	233,807	143,207	135,499	86,098	56,162
February	731,045	581,263	553,164	332,447	324,799	237,967	221,107	167,336	161,746	66,750	81,092
March	854,345	747,361	610,147	561,795	455,311	363,005	268,891	180,026	138,823	130,788	97,000
April	820,923	699,338	585,305	536,085	326,071	314,930	257,068	224,189	165,478	112,407	58,246
May	921,669	815,417	648,943	489,121	366,004	298,648	239,179	189,465	179,815	126,777	70,122
June	1,002,250	793,126	723,366	526,674	449,103	412,085	294,149	232,410	212,886	104,317	110,795
July	989,783	865,537	689,026	542,955	398,202	316,089	221,726	275,418	201,106	126,026	76,578
August	945,440	774,661	616,795	496,327	415,992	330,038	299,254	257,473	135,898	97,937	92,268
September	805,307	738,811	555,427	395,119	349,651	284,240	225,827	147,643	128,383	109,634	51,715
October	767,556	630,291	506,991	398,706	240,429	277,634	210,322	211,482	133,676	90,804	51,782
November	657,559	518,954	365,435	302,418	252,861	212,450	150,590	111,540	98,688	64,626	35,184
December	494,466	395,929	363,545	250,687	227,961	174,675	105,637	125,026	52,296	29,682	26,134
Total	9,758,970	8,294,842	6,746,554	5,257,647	4,077,241	3,420,847	2,727,557	2,265,215	1,744,294	1,145,846	807,078

TABLE 61. MANUFACTURE OF ICE CREAM, ICE MILK, SHERBET, IMITATION ICE CREAM, AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1973-1983

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
						(gallons)					
January	8,679,247	9,348,997	8,978,355	8,913,835	8,303,720	8,166,119	8,845,172	8,627,416	8,534,125	8,611,562	8,253,589
February	8,276,501	8,430,797	8,443,058	8,729,725	8,525,860	8,490,316	8,762,237	9,487,994	9,096,412	8,911,456	9,364,591
March	9,821,971	10,042,127	10,056,308	11,140,334	11,277,400	11,123,088	10,863,987	10,681,888	10,721,675	11,392,718	11,832,882
April	9,719,196	10,225,930	10,059,139	10,344,676	10,409,391	10,193,768	10,285,408	10,680,700	10,715,291	10,744,306	10,535,743
May	10,737,288	10,739,982	11,311,681	10,893,628	10,454,882	11,799,695	11,433,778	10,939,492	11,151,102	11,482,665	11,524,120
June	11,782,016	11,671,163	12,793,597	12,328,929	12,105,434	13,175,200	12,371,643	11,768,670	13,380,655	12,780,985	13,839,455
July	12,043,716	12,933,739	13,214,811	13,075,784	11,801,156	12,113,581	12,201,854	13,304,303	14,216,538	12,794,166	13,004,668
August	11,397,232	12,551,576	12,069,392	11,942,720	12,779,753	13,022,098	12,933,667	12,968,954	12,262,068	13,138,307	14,459,407
September	9,998,725	10,938,356	11,194,404	10,780,146	10,912,829	10,005,872	10,513,706	10,672,526	11,399,935	11,824,569	12,596,433
October	9,885,952	10,310,695	10,872,972	9,444,963	9,490,361	10,997,076	11,182,278	10,824,111	9,843,209	9,920,335	10,411,387
November	8,436,731	8,382,609	8,376,425	9,448,444	9,152,391	9,342,605	8,721,181	8,013,619	8,802,107	9,060,056	9,572,983
December	7,004,903	7,973,934	9,096,234	8,565,269	8,061,093	7,456,748	7,326,991	8,780,551	9,129,355	8,199,935	9,078,371
Total	117,783,478	123,549,905	126,466,376	125,608,453	123,274,270	125,886,166	125,441,902	126,750,224	129,252,472	128,861,060	134,473,629

CONSUMPTION AND MANUFACTURE PER CAPITA OF DAIRY PRODUCTS

The population of California on July 1, 1983, was estimated by the California Department of Finance to be 25,107,000. This represented an increase of 383 thousand persons or approximately 1.5 percent from the same date a year earlier.

Although no data are collected which directly relate to the consumption of dairy products in California, the quantities of some dairy products either sold or manufactured in California represent reasonably well the quantities consumed in the State. These are products which for the most part are neither imported nor exported in significant amounts and which are not storable for any extended period of time. Products that have these characteristics and for which sales data are available are: fluid whole and lowfat milk, fluid skim milk, half-and-half, yogurt, and miscellaneous Class 1 products. The quantities of manufactured products produced in this State which may be assumed to represent those consumed here are limited to cottage cheese, buttermilk, and frozen products.

The sales of various dairy products and the manufacture of selected manufactured dairy products are expressed in either quarts per capita or pounds per capita in Table 62. Population figures used are those shown in the first column of the Table.

Per capita sales of all Class 1 dairy products in California during 1983 amounted to 114.43 quarts. These 114.43 quarts included: 103.35 quarts of fluid whole and lowfat milk, 6.81 quarts of skim milk, 1.60 quarts of half-and-half, and 2.67 quarts of yogurt and miscellaneous Class 1 products. Valid comparisons of the per capita sales of these items for 1974 and later cannot be made with data for 1973 and earlier due to product reclassifications and changes in reporting procedures. For example, fluid creams are no longer Class 1 products, while yogurt is a Class 1 product. Flavored dairy drinks are now included with either fluid whole and lowfat milk or fluid skim milk, depending on the fat content.

In 1983 manufacture per capita of creamed and lowfat cottage cheese in California totaled 5.31 pounds, a decrease of 2.4 percent from 1982. Creamed cottage cheese accounted for 3.32 pounds per capita, and lowfat cottage cheese accounted for 1.99 pounds per capita. Between 1982 and 1983, the manufacture per capita of creamed cottage cheese decreased 3.8 percent and the manufacture per capita of lowfat cottage cheese remained the same.

During 1983, the manufacture per capita of buttermilk in California amounted to 1.57 quarts. This was approximately the same manufacture per capita as existed during 1982.

Manufacture per capita of all frozen products in California during 1983 totaled 21.42 quarts, a increase from 1982 of 2.7 percent. The manufacture per capita of all frozen products included 16.10 quarts of ice cream, 4.44 quarts of ice milk, 0.76 quarts of sherbet, 0.06 quarts of imitation ice cream, and 0.05 quarts of imitation ice milk. Between 1982 and 1983 the manufacture per capita estimates for the various frozen dairy products indicate that while ice cream exhibited a 4.5 percent increase, ice milk, sherbet, imitation ice cream and imitation ice milk were characterized by decreases of 1.1, 1.3, 40.0, and 22.2 percent respectively.

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1966-1983

		Class 1 Product Sales per Capita							
Year	Estimated July 1 Population	Total	Fluid Milk	Fluid Skim Milk	Flavored Dairy Drink	Half-and-Half	Yogurt and Misc.	Fluid Cream	
								Sour	Other
	(Thousands)	(Quarts)							
1966	18,850	134.80	121.98	7.05	2.13	2.64	Not Included in Total Class 1 Products Until 1974	0.66	0.34
1967	19,232	131.88	119.40	7.07	2.00	2.44		0.65	0.32
1968	19,511	129.72	117.19	7.21	2.10	2.28		0.68	0.26
1969	19,817	126.87	114.78	7.05	2.09	2.10		0.68	0.17
1970	20,039	125.32	113.54	6.89	2.07	1.94		0.71	0.17
1971	20,346	123.60	111.99	7.12	1.94	1.66		0.71	0.18
1972	20,585	127.60	115.44	7.72	1.99	1.57		0.70	0.17
1973	20,868	127.49	115.20	7.96	1.88	1.56		0.72	0.16
1974	21,173	126.10	113.62	8.24	1/	1.55	2.68	3/	
1975	21,537	126.07	113.17	8.59		1.52	2.78		
1976	21,935	127.91	115.67	8.49		1.55	2.21 2/		
1977	22,350	127.85	115.62	8.47		1.54	2.21		
1978	22,839	126.50	114.68	8.07		1.59	2.16		
1979	23,255	125.86	114.00	7.75		1.61	2.50		
1980	23,769	122.08	110.27	7.52		1.58	2.71		
1981	24,196	118.98	107.62	7.30		1.60	2.46		
1982	24,724	114.43	103.62	6.86		1.57	2.37		
1983	25,107	114.43	103.35	6.81		1.60	2.67		

CONTINUED

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1966-1983 - CONTINUED

Manufacture per Capita

	Cottage Cheese			Fluid Buttermilk	Frozen Products				Imitation	
Year	Total	Creamed	Low fat		Total	Ice Cream	Ice Milk	Sherbet	Ice Cream	Ice Milk
	(Pounds)			(Quarts)	(Quarts)					
1966	7.14	6.20	0.94	3.13	24.69	14.38	5.77	1.24	1.12	2.18
1967	7.14	6.13	1.01	2.97	24.23	14.07	5.61	1.20	1.13	2.22
1968	7.25	6.18	1.07	2.83	24.47	14.31	5.73	1.25	1.16	2.02
1969	7.85	6.29	1.26	2.86	24.07	14.14	5.80	1.23	1.13	1.77
1970	8.25	6.77	1.48	2.93	24.00	14.37	5.82	1.20	1.06	1.54
1971	8.32	6.65	1.67	2.96	23.30	14.28	5.58	1.15	1.00	1.29
1972	8.22	6.32	1.89	2.93	23.41	14.50	5.59	1.18	0.92	1.21
1973	7.83	5.80	2.03	2.76	22.58	14.18	5.39	1.14	0.88	0.99
1974	7.06	5.15	1.91	2.47	23.34	15.16	5.44	1.16	0.76	0.80
1975	6.71	4.79	1.92	2.38	23.49	15.74	5.42	1.07	0.66	0.59
1976	6.85	4.88	1.98	2.46	22.90	15.83	4.96	1.16	0.48	0.47
1977	6.56	4.63	1.93	2.28	22.06	15.28	5.03	1.02	0.39	0.34
1978	6.41	4.41	2.00	2.13	22.05	15.45	5.08	0.92	0.34	0.26
1979	6.33	4.32	2.01	1.95	21.58	15.33	4.89	0.89	0.27	0.20
1980	6.16	4.07	2.10	1.81	21.33	15.26	4.84	0.84	0.22	0.16
1981	5.91	3.79	2.12	1.75	21.37	15.57	4.69	0.82	0.16	0.13
1982	5.44	3.45	1.99	1.57	20.85	15.41	4.49	0.77	0.10	0.09
1983	5.31	3.32	1.99	1.57	21.42	16.10	4.44	0.76	0.06	0.07

1/ Subsequent to 1973, flavored dairy drink sales have been categorized as either flavored fluid milk or flavored fluid skim milk sales depending on fat content.

2/ Subsequent to 1975, out-of-state yogurt sales have been excluded from Class 1 product sales.

3/ Subsequent to 1973, fluid cream sales have been excluded from Class 1 product sales.

MINIMUM PRICES

As specified in Division 21, Part 3, Chapter 2 of the Food and Agricultural Code of the State of California, the Bureau of Milk Stabilization establishes minimum prices to be paid to producers by handlers for market milk in the various usage classifications for each marketing area in the State.

Commencing August 1, 1978, minimum Class 1 prices were established by means of an economic formula. The factors used in the formula and their respective weights have been as follows: Cost of production, 43%; Class 4 price, 42%; and real net spendable earnings as published by the Employment Development Department for the Los Angeles-Long Beach metropolitan area, 15%. Effective August 1, 1982, the real net spendable earnings factor was permanently replaced by an average weekly earnings factor. This change in the formula was made because of the unavailability of the real net spendable earnings factor. The formula-determined Class 1 prices are calculated bimonthly by the Bureau of Milk Stabilization and are subject to change as a result of hearings.

Minimum class prices in effect during 1983 are shown in Tables 63 through 66.

TABLE 63. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 1 PRODUCTS, BY MARKETING AREAS, 1983

		PRODUCER PRICES, F.O.B. PROCESSING PLANT				
		Component Basis			Whole Milk	Weighted Average
Time Period	Marketing Area	Fat	SNF	Fluid	Basis 1/	Basis 2/
			($/Lb.)		($/Cwt.)	($/Cwt.)
Jan. 1-Jan. 31	Central Valley	1.6108	0.7988	0.0094	13.41	
	Del Norte-Humboldt	1.6158	0.7988	0.0140	13.83	
	Northern California	1.6108	0.7988	0.0112	13.57	13.59
	South Valley	1.6108	0.7988	0.0094	13.41	
	Southern California	1.6158	0.7988	0.0137	13.81	
Feb. 1-Mar. 31	Central Valley	1.6148	0.8004	0.0094	13.44	
	Del Norte-Humboldt	1.6198	0.8004	0.0140	13.86	
	Northern California	1.6148	0.8004	0.0112	13.60	13.62
	South Valley	1.6148	0.8004	0.0094	13.44	
	Southern California	1.6198	0.8004	0.0137	13.84	
Apr. 1-May 31	Central Valley	1.6280	0.8058	0.0097	13.56	
	Del Norte-Humboldt	1.6330	0.8058	0.0143	13.98	
	Northern California	1.6280	0.8058	0.0115	13.72	13.74
	South Valley	1.6280	0.8058	0.0097	13.56	
	Southern California	1.6330	0.8058	0.0140	13.96	
Jun. 1 - Jul. 31	Del Norte-Humboldt	1.6401	0.8086	0.0144	14.04	
	Northern California 3/	1.6351	0.8086	0.0116	13.78	13.81
	South Valley	1.6351	0.8086	0.0098	13.62	
	Southern California	1.6401	0.8086	0.0141	14.01	
Aug. 1 - Sep. 30	Del Norte-Humboldt	1.6305	0.8047	0.0143	13.96	
	Northern California	1.6255	0.8047	0.0115	13.70	13.74
	South Valley	1.6255	0.8047	0.0097	13.54	
	Southern California	1.6305	0.8047	0.0140	13.94	
Oct. 1 - Nov. 30	Del Norte-Humboldt	1.6570	0.8154	0.0148	14.19	
	Northern California	1.6520	0.8154	0.0120	13.93	13.97
	South Valley	1.6520	0.8154	0.0102	13.77	
	Southern California	1.6570	0.8154	0.0145	14.17	
Dec. 1 - Dec. 31	Del Norte-Humboldt	1.6585	0.8160	0.0148	14.20	
	Northern California	1.6535	0.8160	0.0120	13.94	13.98
	South Valley	1.6535	0.8160	0.0102	13.78	
	Southern California	1.6585	0.8160	0.0145	14.18	

1/ Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

2/ Calculated for the State as a whole using market milk production in each marketing area for weighting.

3/ Effective June 1, 1983, the Central Valley Marketing Area was consolidated into the Northern California Marketing Area.

TABLE 64. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MILK FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1983

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	1.6817	1.6817	1.6817	1.6817	1.6817	1.6781	1.6781	1.6781	1.6781	1.6781	1.6781	1.6781
Del Norte-Humboldt	2	1.6524	1.6524	1.6524	1.6524	1.6524	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488
Northern California, South and Central Valley 1/	2	1.6794	1.6794	1.6794	1.6794	1.6794	1.6758	1.6758	1.6758	1.6758	1.6758	1.6758	1.6758
Southern California	3	1.6817	1.6817	1.6817	1.6817	1.6817	1.6781	1.6781	1.6781	1.6781	1.6781	1.6781	1.6781
Del Norte-Humboldt	3	1.6524	1.6524	1.6524	1.6524	1.6524	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488
Northern California, South and Central Valley 1/	3	1.6794	1.6794	1.6794	1.6794	1.6794	1.6758	1.6758	1.6758	1.6758	1.6758	1.6758	1.6758
All Areas	4a	1.6524	1.6524	1.6524	1.6524	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488	1.5913
	4b	1.6524	1.6524	1.6524	1.6524	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488	1.6488	1.5913

1/ The Central Valley Marketing Area was consolidated into the Northern California Marketing Area effective June 1, 1983.

TABLE 65. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR SOLIDS-NOT-FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1983

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	0.8144	0.8144	0.8146	0.8145	0.8145	0.8075	0.8074	0.8077	0.8076	0.8076	0.8076	0.8075
Del Norte-Humboldt	2	0.7843	0.7842	0.7844	0.7843	0.7843	0.7773	0.7772	0.7775	0.7774	0.7774	0.7774	0.7773
Northern California, South and Central Valley 1/	2	0.7887	0.7886	0.7888	0.7887	0.7887	0.7817	0.7816	0.7819	0.7818	0.7818	0.7818	0.7817
Southern California	3	0.7829	0.7829	0.7831	0.7830	0.7830	0.7760	0.7759	0.7762	0.7761	0.7761	0.7761	0.7760
Del Norte-Humboldt	3	0.7830	0.7829	0.7831	0.7830	0.7830	0.7760	0.7759	0.7762	0.7761	0.7761	0.7761	0.7760
Northern California, South and Central Valley 1/	3	0.7830	0.7829	0.7831	0.7830	0.7830	0.7760	0.7759	0.7762	0.7761	0.7761	0.7761	0.7760
All Areas	4a	0.7443	0.7445	0.7444	0.7444	0.7374	0.7373	0.7376	0.7375	0.7375	0.7375	0.7374	0.7140
	4b	0.7443	0.7445	0.7444	0.7444	0.7374	0.7373	0.7376	0.7375	0.7375	0.7375	0.7374	0.7140

1/ The Central Valley Marketing Area was consolidated into the Northern California Marketing Area effective June 1, 1983.

TABLE 66. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 2, 3, 4A AND 4B PRODUCTS, BY MARKETING AREAS, 1983 1/

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per hundredweight)							
Southern California	2	12.97	12.97	12.97	12.97	12.97	12.90	12.90	12.90	12.90	12.90	12.90	12.90
Del Norte-Humboldt	2	12.61	12.60	12.61	12.61	12.61	12.53	12.53	12.54	12.53	12.53	12.53	12.53
Northern California, South and Central Valley 2/	2	12.74	12.74	12.74	12.74	12.74	12.67	12.66	12.67	12.67	12.67	12.67	12.67
Southern California	3	12.70	12.70	12.70	12.70	12.70	12.62	12.62	12.63	12.62	12.62	12.62	12.62
Del Norte-Humboldt	3	12.60	12.59	12.60	12.60	12.60	12.52	12.52	12.52	12.52	12.52	12.52	12.52
Northern California, South and Central Valley 2/	3	12.69	12.69	12.69	12.69	12.69	12.62	12.62	12.62	12.62	12.62	12.62	12.62
All Areas	4a	12.26	12.26	12.26	12.26	12.19	12.18	12.19	12.19	12.19	12.19	12.19	11.78
	4b	12.26	12.26	12.26	12.26	12.19	12.18	12.19	12.19	12.19	12.19	12.19	11.78

1/ Prices have been calculated from the price information presented in Tables 64 and 65 on a f.o.b. Distributor's Plant basis for 3.5 percent butterfat and 8.7 percent solids-not-fat milk.

2/ Central Valley Marketing Area was consolidated into the Northern California Marketing Area effective June 1, 1983.

SALES OF MARKET WHOLE MILK AND LOWFAT MILK BY SIZE AND TYPE OF CONTAINER, AND BY TYPE OF TRADE

In October 1983, all market milk distributors in California were requested to complete a special one-page form relating to their sales of market whole milk and lowfat milk by size and type of container and by type of trade. A similar survey for the month of October has been made each year since 1951.

Table 67 contains summary tabulations of the data reported on the special survey forms for October 1983. In this table, all sales are expressed in gallon units. For example, sales in quarts represent the number of gallons (expressed as quart units) sold rather than the number of quarts sold. This results in greater comparability and facilitates the computation of percentage distributions.

Sales by type of trade were reported under the headings of wholesale, retail, cash-and-carry, peddler and Federal Government. Since some routes, particularly for the smaller distributors and some of the peddlers, were probably "combination" routes, it seems likely that all sales are not properly classified as to type of trade. However, this factor is so small that it does not appear to have had any significant effect upon the overall results.

Users of these data should note that the survey summaries *do not include all sales of fluid milk in California.* For the State as a whole, the sales as reported in the summaries, account for a sample of approximately 98.2 percent of all market whole milk and lowfat milk sales in California.

TABLE 67. REPORTED SALES OF MARKET WHOLE AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE AND CONTAINER CHARACTERISTICS, OCTOBER 1983

Container Size and Type	Type of Trade: Wholesale (gallons)	Wholesale (percent)	Retail (gallons)	Retail (percent)	Cash-and-Carry (gallons)	Cash-and-Carry (Percent)	Peddler (gallons)	Peddler (percent)	Federal Government (gallons)	Federal Government (percent)	Container Size and Type Total Sales (gallons)	Container Size and Type Total Sales (percent)
Bulk Size	1,011,867	2.1	342	0.3	1,799	0.7	352,196	5.2	359,020	27.1	1,725,224	3.1
Dispensing	946,222	2.0	342	0.3	1,799	0.7	341,820	5.1	359,020	27.1	1,649,203	3.0
Other	65,645	0.1	---	---	---	---	10,376	0.1	---	---	76,021	0.1
Ten Quart Size	48,021	0.1	726	0.6	6,877	2.7	35,877	0.5	---	---	91,501	0.2
Gallon Size	25,242,833	53.4	25,771	22.8	90,452	35.1	2,433,570	36.1	395,549	29.8	28,188,175	50.5
Paper	50,372	0.1	---	---	2,085	0.8	21,807	0.3	---	---	74,264	0.1
Molded Plastic	25,192,461	53.3	25,771	22.8	88,367	34.3	2,411,763	35.8	395,549	29.8	28,113,911	50.4
One-Half Gallon Size	14,064,502	29.7	78,261	69.4	131,907	51.2	2,102,348	31.2	456,433	34.4	16,833,451	30.2
Glass	17,636	1/	35,466	31.5	28,403	11.0	73,622	1.1	---	---	155,127	0.3
Paper	13,076,066	27.6	37,791	33.5	72,366	28.1	1,766,353	26.2	456,433	34.4	15,409,009	27.6
Molded Plastic	970,800	2.1	5,004	4.4	31,138	12.1	262,373	3.9	---	---	1,269,315	2.3
Quart Size	2,582,281	5.4	4,376	3.9	7,299	2.8	389,337	5.8	41,819	3.1	3,025,112	5.4
Glass	4,086	1/	870	0.8	1,148	0.4	3,894	0.1	---	---	9,998	1/
Paper	2,577,684	5.4	3,506	3.1	2,569	1.0	385,443	5.7	41,819	3.1	3,011,021	5.4
Molded Plastic	511	1/	---	---	3,582	1.4	---	---	---	---	4,093	1/
Pint Size	978,201	2.1	1,721	1.5	1,675	0.6	254,422	3.8	7,533	0.6	1,243,552	2.2
One-Third Quart Size	894,864	1.9	842	0.8	3,835	1.5	345,489	5.1	10,885	0.8	1,255,915	2.3
One-Half Pint Size	2,485,588	5.3	745	0.7	13,936	5.4	826,777	12.3	55,359	4.2	3,382,405	6.1
Type of Trade Total Sales	47,308,157	100.0	112,784	100.0	257,780	100.0	6,740,016	100.0	1,326,598	100.0	55,745,335	100.0

1/ Calculated percentages less than 0.05 percent.

PLANTS REPORTING SALES OF FLUID MARKET MILK

The number of plants reporting sales of fluid market milk during the month of December by county of plant location for the years 1973 through 1983 is shown in Table 68. During this ten year period, the number of plants has decreased from 236 in 1973 to 85 in 1983, a decline of 64.0 percent.

TABLE 68. NUMBER OF PLANTS IN CALIFORNIA REPORTING SALES OF FLUID MARKET MILK DURING DECEMBER, BY COUNTIES OF PLANT LOCATION, 1973-1933

County	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Del Norte	1	1	1	1	1	1	1	1	1	1	1
Humboldt	3	3	3	3	2	2	2	2	3	2	2
Mendocino	2	2	2	2	2	2	2	1	1	1	1
Shasta	4	3	2	2	2	2	2	2	3	2	2
Siskiyou	1	1	1	1	1	1	1	1	1	1	1
Trinity	--	--	--	--	--	--	--	--	--	--	--
Lassen	1	1	--	--	--	--	--	--	--	--	--
Modoc	--	--	--	--	--	--	--	--	--	--	--
Plumas	--	--	--	--	--	--	--	--	--	--	--
Alameda	16	13	11	9	9	7	7	7	7	7	7
Contra Costa	6	5	5	4	3	3	3	1	1	1	1
Lake	--	--	--	--	--	--	--	--	--	--	--
Marin	--	--	--	--	--	--	--	--	--	--	--
Monterey	2	2	2	2	2	2	2	2	2	2	1
Napa	1	1	1	1	1	1	1	1	1	1	1
San Benito	--	--	--	--	--	--	--	--	--	--	--
San Francisco	5	3	3	3	2	1	1	1	1	1	1
San Luis Obispo	2	2	2	2	2	2	2	2	2	2	2
San Mateo	1	1	1	1	1	--	--	--	--	--	--
Santa Clara	10	8	8	7	6	5	5	3	3	3	2
Santa Cruz	1	2	1	1	1	1	1	1	--	--	--
Sonoma	8	7	7	6	6	6	6	5	4	4	4
Butte	1	1	1	1	1	1	1	1	1	1	1
Colusa	--	--	--	--	--	--	--	--	--	--	--
Glenn	--	--	--	--	--	--	--	--	--	--	--
Sacramento	6	6	5	5	5	5	5	5	5	5	6
Solano	1	1	--	--	--	--	--	--	--	--	1
Sutter	--	--	--	--	--	--	--	--	--	--	--
Tehama	1	1	1	1	1	--	--	--	--	--	--
Yolo	--	--	--	--	--	--	--	--	--	--	--
Yuba	--	--	--	--	--	--	--	--	--	--	--
Fresno	10	9	9	7	5	5	5	5	5	5	5
Kern	4	4	4	3	3	3	3	3	3	3	3
Kings	1	1	--	--	--	--	--	--	--	--	--
Madera	1	1	1	1	--	--	--	--	--	--	--
Merced	2	2	2	1	--	--	--	--	--	--	--
San Joaquin	5	4	4	4	2	2	2	1	1	1	1
Stanislaus	2	2	2	2	2	2	2	2	2	2	2
Tulare	3	3	2	1	--	--	--	--	1	1	1
Alpine	--	--	--	--	--	--	--	--	--	--	--
Amador	--	--	--	--	--	--	--	--	--	--	--
Calaveras	--	--	--	--	--	--	--	--	--	--	--
El Dorado	--	--	--	--	--	--	--	--	--	--	--
Inyo	1	--	--	--	--	--	--	--	--	--	--
Mariposa	--	--	--	--	--	--	--	--	--	--	--
Mono	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
Placer	1	--	--	--	--	--	--	--	--	--	--
Sierra	--	--	--	--	--	--	--	--	--	--	--
Tuolumne	--	--	--	--	--	--	--	--	--	--	--
Imperial	1	1	1	--	--	--	--	--	--	--	--
Los Angeles	71	63	51	43	37	35	35	29	25	25	22
Orange	13	10	9	8	8	7	7	5	4	4	4
Riverside	13	11	10	8	6	5	5	4	4	4	4
San Bernardino	19	16	12	10	10	4	4	3	3	3	3
San Diego	9	7	7	7	7	5	5	5	5	5	5
Santa Barbara	3	3	3	2	1	--	--	--	--	--	--
Ventura	4	4	3	2	1	1	1	1	1	1	1
TOTAL	236	205	177	151	130	111	111	94	90	88	85

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CALIFORNIA
CROP AND LIVESTOCK
REPORTING SERVICE

CALIFORNIA LIVESTOCK STATISTICS

1984

FOREWORD

Ranchers, farmers, and businessmen need reliable and accurate statistical data as a basis for planning their operations. The information contained in this bulletin is published to assist people in the livestock industry in planning and making operational decisions.

Contained in this bulletin is a compilation of official estimates of livestock inventory numbers, production, income, and related statistical information for cattle and calves, sheep and lambs, and hogs. 1983 and earlier figures are revised while 1984 figures are generally preliminary. The data in this bulletin supercedes any previous issues.

The preparation and release of estimates is a primary function of the California Crop and Livestock Reporting Service. This Agency is the California office of the Statistical Reporting Service of the United States Department of Agriculture. Under a cooperative agreement, this Agency also serves as the Agricultural Statistics Branch of the California Department of Food and Agriculture. As part of a Federal Agency, its functions are correlated with the National programs to provide uniform statistics of agriculture for the Nation. As a State service, this office develops additional statistical information to fulfill local needs, generally in the form of county estimates.

The voluntary cooperation of ranchers, farmers, and agri-businessmen is the primary data source of the California Crop and Livestock Reporting Service. We appreciate the faithful service and cooperation and extend our sincere thanks. The statisticians responsible for much of the data published in this bulletin are Neil Gum, Peggy Stringer, and Mark Aitken.

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JULY 1985

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TABLE 1 — Livestock Production and income, California, 1980-84

Specie	Year	Production 1/	Marketings 2/	Average Price per 100 Pounds		Value of Production	Cash Receipts 3/	Value of Home Consumption	Gross Income
		- - 1,000 Pounds - -		- Dollars -		- - - - 1,000 Dollars - - - -			
Total Meat Animals	1980	1,683,395	2,295,343	---	---	1,059,254	1,444,617	32,025	1,476,642
	1981	1,883,186	2,337,394	---	---	1,080,496	1,343,139	23,063	1,366,202
	1982	1,980,315	2,875,701	---	---	1,077,108	1,562,110	29,309	1,591,419
	1983	1,792,266	2,509,564	---	---	957,920	1,337,514	26,887	1,364,401
	1984	1,999,220	2,776,716	---	---	1,076,544	1,494,161	32,151	1,526,312
				(CATTLE)	(CALVES)				
Cattle and Calves	1980	1,541,370	2,144,727	63.60	71.60	988,803	1,368,200	27,979	1,396,179
	1981	1,757,435	2,200,880	57.90	60.20	1,018,358	1,275,645	18,735	1,294,380
	1982	1,850,875	2,721,850	54.40	55.70	1,007,303	1,481,400	25,001	1,506,401
	1983	1,697,660	2,482,300	53.30	57.10	908,818	1,325,141	23,209	1,348,350
	1984	1,866,090	2,629,500	53.80	56.30	1,004,765	1,416,141	27,561	1,443,702
				(SHEEP)	(LAMBS)				
Sheep and Lambs	1980	71,073	83,050	16.10	63.00	41,699	48,663	1,494	50,157
	1981	64,675	74,965	17.00	56.30	32,947	37,867	1,963	39,830
	1982	79,151	105,890	18.60	54.50	40,964	52,541	2,099	54,640
	1983	76,925	85,284	17.90	56.40	40,852	44,358	1,832	46,190
	1984	78,520	93,344	17.40	59.70	44,694	51,209	2,327	53,536
Hogs and Pigs	1980	70,952	67,566	40.90	---	28,752	27,754	2,552	30,306
	1981	61,076	61,549	48.00	---	29,191	29,627	2,365	31,992
	1982	50,289	47,961	58.20	---	28,841	28,169	2,209	30,378
	1983	55,958	54,160	51.50	---	28,726	27,952	2,079	30,031
	1984	54,610	53,872	49.70	---	27,085	26,811	2,263	29,074

1/ Adjustments made for changes in inventory and for inshipments.
2/ Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
3/ Receipts from marketing and sale of farm slaughter.

TABLE 2 — Livestock on farms and ranches, January 1, California 1981-85, (U.S. 1984 & 85)

Year	All Cattle and calves	Milk Cows and Heifers Calves	Stock Sheep	Sheep and Lambs on Feed	All Hogs
	1,000 Head				
CALIF.					
1981	4,760	909	1,030	175	180
1982	5,000	940	1,010	200	160
1983	4,900	940	920	195	160
1984	5,000	962	900	215	155
1985	4,960	974	870	195	140
U.S.					
1984	113,700	11,109	9,769	1,718	56,694
1985	109,801	10,819	8,847	1,596	54,043

TABLE 3 — Cash receipts from farm marketings of livestock and poultry commodities, California, 1980-84

Commodity	1980	1981	1982	1983	1984
	1,000 Dollars				
Cattle and Calves	1,368,200	1,275,645	1,481,400	1,325,141	1,416,141
Sheep and Lambs	48,663	37,867	52,541	44,358	51,209
Hogs 1/	27,754	29,627	28,169	27,952	26,811
Wool	9,221	10,006	7,315	6,105	7,599
Turkeys 1/2/	178,760	182,067	157,560	145,642	178,162
Farm Chickens 1/2/	8,349	9,656	5,886	5,390	8,095
Comrl. Broilers & Fryers 1/2/	220,828	257,494	259,637	252,628	296,894
Chicken Eggs 1/2/	370,165	398,300	362,852	371,417	408,821
Dairy Products	1,770,324	1,943,229	1,941,197	1,944,762	1,986,376
Honey and Beeswax	12,526	5,145	N/A	N/A	N/A
Other Livestock & Poultry	99,448	77,211	83,828	89,479	80,957
TOTAL	4,114,238	4,226,247	4,380,823	4,212,874	4,461,065

1/ Marketings ending December 1.
2/ Cash receipts include value of home consumption.
NOTE: 1984 figures preliminary.

TABLE 4 — Livestock and livestock products, annual average prices received by farmers, California, 1975-84

Year	All Cattle per Cwt.	All Calves per Cwt.	Sheep per Cwt.	Lambs per Cwt.	Hogs per Cwt.	Milk Wholesale per Cwt.	Wool per Pound
	Dollars						
1975	36.30	28.20	10.80	42.80	44.80	9.03	.450
1976	35.60	31.70	13.30	49.20	45.90	9.27	.660
1977	36.00	33.60	10.70	50.10	41.00	9.76	.710
1978	48.80	51.00	16.70	60.90	48.30	10.20	.730
1979	65.80	76.70	21.20	66.60	45.90	11.40	.850
1980	63.60	71.60	16.10	63.00	40.90	12.88	.880
1981	57.90	60.20	17.00	56.30	48.00	13.43	.940
1982	54.40	55.70	18.60	54.50	58.20	13.21	.710
1983	53.30	57.10	17.90	56.40	51.50	13.06	.620
1984	53.80	56.30	17.40	59.70	49.70	12.85	.810

TABLE 5 — Range condition in percent, California, 1980-84 1/

Year	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
	Percent									
1980	95	93	95	93	89	88	86	85	73	87
1981	88	86	88	89	84	83	81	82	93	86
1982	81	95	95	94	94	90	89	88	98	92
1983	84	94	100	98	95	92	91	91	96	92
1984	84	80	80	82	79	81	81	82	89	82

1/ Equivalent of reported conditions: 35-49 severe drought, 50-64 very poor, 65-79 poor to fair, 80+ good to excellent,

NOTE: Figures relate to condition about the first of the month.

Cattle and Calves

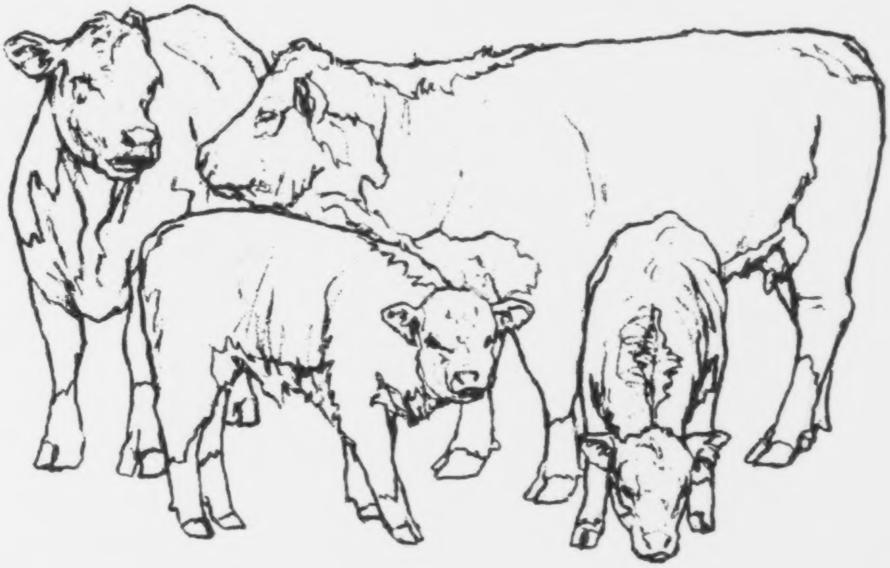


TABLE 6—Cattle inventory, supply and disposition, California, 1980-84, (U.S.-1983 & 84) 1/

Year	Beginning Inventory January 1 (Prev. Year)	Calf Crop	Inshipments	Marketings 2/		Farm Slaughter	Deaths		Ending Inventory January 1
				Cattle	Calves	Cattle & Calves 3/	Cattle	Calves	
	1,000 Head								
CALIF.									
1980	4,550	1,630	1,065	1,940	254	21	85	185	4,760
1981	4,760	1,710	1,013	1,958	265	20	80	160	5,000
1982	5,000	1,700	1,207	2,439	275	28	85	180	4,900
1983	4,900	1,730	1,150	2,222	274	26	98	160	5,000
1984	5,000	1,740	1,150	2,358	295	27	95	155	4,960
U.S.									
1983	115,001	43,925	19,210	48,089	10,443	410	1,877	3,617	113,700
1984	113,700	42,499	20,490	50,676	10,348	390	1,873	3,602	109,801

1/ Balance sheet estimates: The sum of inventory at beginning of year (January 1), births, and inshipments is equal to the sum of marketings, farm slaughter, deaths, and end-of-year inventory.

2/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

3/ Excludes custom slaughter for farms at commercial establishments.

TABLE 7 —Cattle on farms, California, January 1, 1980-85 (U.S.-1984 & 85)

Year	Cows That Have Calved			Heifer Replacements			Other Cattle				Total Cattle
	Beef	Dairy	All	Beef	Dairy	All	Other Heifers	Strs., Heifers & Bulls > 500 Lbs.	Bulls 500 Lbs. & Over	Steers 500 Lbs. & Over	
	- - - - - - - - - - - - - - - - - 1,000 Head - - - - - - - - - - - - - - - - -										
CALIF.											
1980	869	878	1,747	209	337	546	164	1,019	73	1,001	4,550
1981	995	909	1,904	205	405	610	166	1,190	76	814	4,760
1982	1,160	940	2,100	210	425	635	265	1,115	85	800	5,000
1983	1,030	940	1,970	245	465	710	220	1,044	85	871	4,900
1984	1,008	962	1,970	210	445	655	245	1,200	80	850	5,000
1985	1,011	974	1,985	195	470	665	240	1,114	80	876	4,960
U.S.											
1984	37,494	11,109	48,603	6,183	4,532	10,715	7,851	27,611	2,549	16,371	113,700
1985	35,393	10,819	46,212	5,536	4,757	10,293	8,036	26,450	2,411	16,399	109,801

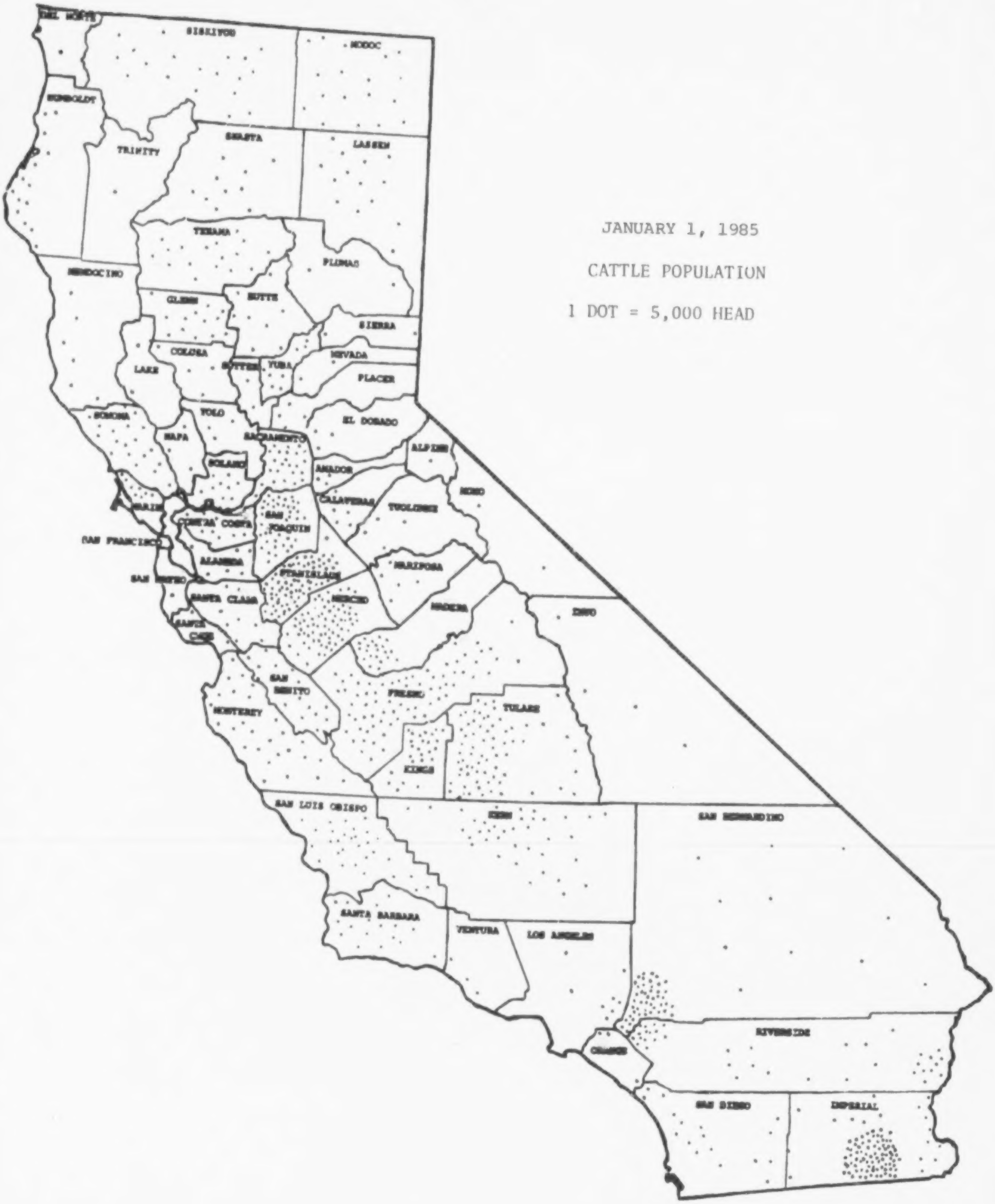
TABLE 8—Calf crop and death losses, California, 1980-84 (U.S.-1983 & 84)

Year	Cows That Have Calved January 1	Calves Born as % of Cows & Heifers That Have Calved	Calf Crop	Deaths All Cattle
	Number of Head	Percent	- - - - Number of Head - - - -	
1980	1,747,000	97	1,630,000	270,000
1981	1,904,000	90	1,710,000	240,000
1982	2,100,000	81	1,700,000	265,000
1983	1,970,000	88	1,730,000	258,000
1984	1,985,000	88	1,740,000	250,000
U.S.				
1983	48,603,000	90	43,925,000	5,494,000
1984	46,211,000	92	42,499,000	5,475,000

TABLE 9 — Cattle and calves slaughtered under Federal and State inspection, California, 1980-84, (U.S.-1983 & 84)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
	1,000 Head												
CATTLE													
CALIF.													
1980	182	168	153	167	169	169	173	172	170	175	131	145	1,972
1981	155	136	150	147	147	168	170	162	164	162	144	154	1,859
1982 2/	---	---	471	---	---	501	---	---	487	---	---	431	1,889
1983	140	126	138	135	141	154	138	153	146	143	132	139	1,684
1984	138	138	145	139	156	154	153	168	134	157	126	127	1,736
U.S.													
1983	3,061	2,691	2,980	2,756	2,957	3,139	2,867	3,369	3,313	3,278	3,079	3,161	36,649
1984	3,109	2,971	3,089	2,855	3,301	3,187	3,127	3,396	3,040	3,478	3,086	2,943	37,582
CALVES													
CALIF.													
1980	20	23	21	18	17	19	20	18	17	16	13	15	216
1981	19	18	20	15	14	18	18	18	18	17	17	20	212
1982 2/	---	---	63	---	---	55	---	---	59	---	---	54	231
1983	20	20	22	17	17	19	19	22	21	20	21	21	238
1984	23	24	24	22	23	21	23	23	20	22	21	21	267
U.S.													
1983	244	224	267	224	214	232	236	286	283	290	294	284	3,077
1984	277	255	285	248	255	242	278	316	267	308	299	268	3,297

1/ Totals may not equal sum of parts due to rounding.
2/ In 1982, slaughter was reported quarterly only.


DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
COLUSA
LAKE
SUTTER
YUBA
NEVADA
PLACER
SONOMA
YOLO
EL DORADO
NAPA
SACRAMENTO
ALPINE
SOLANO
AMADOR
MONO
MARIN
CALAVERAS
TUOLUMNE
CONTRA COSTA
SAN JOAQUIN
SAN FRANCISCO
ALAMEDA
MARIPOSA
SAN MATEO
STANISLAUS
SANTA CLARA
MERCED
INYO
MADERA
SANTA CRUZ
SAN BENITO
FRESNO
MONTEREY
TULARE
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL

JANUARY 1, 1985

CATTLE POPULATION

1 DOT = 5,000 HEAD

TABLE 10—Cattle and calves, number on farms by class, California, 1984-85

Counties	All Cattle & Calves		Dairy		Beef		Total	
	1984 1/	1985 2/	1984	1985	1984	1985	1984	1985
	Number of Head							
Del Norte	9,000	10,000	2,000	1,900	1,000	1,100	3,000	3,000
Humboldt	68,000	69,000	14,000	14,100	27,000	31,400	41,000	45,500
Mendocino	31,000	26,000	1,000	1,100	17,000	15,500	18,000	16,600
	108,000	105,000	17,000	17,100	45,000	48,000	62,000	65,100
Shasta	56,000	53,000	1,200	1,500	22,000	20,000	22,000	23,200
Siskiyou	108,000	103,000	2,800	3,000	51,000	48,000	51,000	53,800
Trinity	5,000	4,000	---	---	3,000	3,000	3,000	3,000
	169,000	160,000	4,000	4,500	76,000	71,000	76,000	80,000
Lassen	95,000	97,000	300	300	51,000	53,000	51,000	53,300
Modoc	85,000*	78,000	50	50	59,000	51,000	59,000	51,050
Plumas	24,000	25,000	---	---	12,000	13,000	12,000	13,000
	204,000*	200,000	350	350	122,000	117,000	122,000	117,350
Alameda	31,000	32,000	---	---	14,000	14,000	14,000	14,000
Contra Costa	42,000	35,000	2,900	2,000	12,000	11,500	14,900	13,500
Lake	7,500	7,800	---	---	3,000	4,000	3,000	4,000
Marin	31,000	22,000	14,000	12,500	5,000	5,000	19,000	17,500
Monterey	162,000	172,000	3,500	2,600	41,000	39,000	44,500	41,600
Napa	14,500	11,800	1,400	1,200	6,000	6,000	7,400	7,200
San Benito	66,000	70,000	1,300	900	22,000	22,000	23,300	22,900
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	144,000	140,000	2,000	2,000	56,000	54,000	58,000	56,000
San Mateo	6,000	5,400	---	---	3,000	3,000	3,000	3,000
Santa Clara	52,000	47,000	5,100	4,500	18,000	17,000	23,100	21,500
Santa Cruz	4,000	3,000	300	300	1,500	1,500	1,800	1,800
Sonoma	112,000	118,000	38,500	36,000	18,500	18,000	57,000	54,000
	672,000	664,000	69,000	62,000	200,000	195,000	269,000	257,000
Butte	31,000	31,000	1,500	1,500	13,000	13,000	14,500	14,500
Colusa	27,000	21,000	600	600	13,000	11,000	13,600	11,600
Glenn	55,000*	50,000	12,600	12,600	11,000	11,000	23,600	23,600
Sacramento	113,000*	112,000	21,200	23,500	19,000	26,000	40,200	49,500
Solano	28,000	29,000	1,600	1,700	9,500	9,000	11,100	10,700
Sutter	10,500	11,000	1,100	1,100	4,500	4,500	5,600	5,600
Tehama	68,000	60,000	3,400	3,300	38,000	36,000	41,400	41,800
Yolo	14,500	15,000	500	500	6,000	6,000	6,500	6,500
Yuba	36,000	37,000	1,200	1,200	8,000	7,500	9,200	8,700
	383,000*	366,000	43,700	46,000	122,000	124,000	165,700	170,000
Fresno	352,000	370,000	51,000	51,000	44,000	39,000	95,000	90,000
Kern	214,000	225,000	18,000	18,000	55,000	52,000	73,000	70,000
Kings	118,000	123,000	59,000	65,500	4,000	5,000	63,000	70,500
Madera	101,000	107,000	18,000	19,500	17,000	18,000	35,000	37,500
Merced	360,000	365,000	98,000	100,000	60,000	56,000	158,000	156,000
San Joaquin	218,000	223,000	66,000	66,000	32,000	33,000	98,000	99,000
Stanislaus	315,000	322,000	102,000	105,000	32,000	33,000	134,000	138,000
Tulare	372,000	370,000	126,000	128,000	34,000	36,000	160,000	164,000
	2,050,000	2,105,000	538,000	553,000	278,000	272,000	816,000	825,000
Alpine	8,000	8,100	---	---	2,000	2,000	2,000	2,000
Amador	19,000	18,900	50	100	8,500	8,500	8,550	8,600
Calaveras	31,000	29,000	50	50	16,000	15,000	16,050	15,050
El Dorado	12,000	12,000	100	100	7,000	7,500	7,100	7,600
Inyo	18,000*	16,000	50	50	11,000	16,000	11,050	16,050
Mariposa	23,000*	27,000	50	50	9,500	16,000	9,550	16,050
Mono	8,000	4,000	---	---	2,000	2,500	2,000	2,500
Nevada	4,500	5,000	50	50	3,000	3,000	3,050	3,050
Placer	25,000	27,000	550	600	10,500	14,000	11,050	14,600
Sierra	9,500	9,000	---	---	5,500	4,500	5,500	4,500
Tuolumne	19,000	17,000	50	50	9,000	8,000	9,050	8,050
	177,000*	173,000	950	1,050	84,000	97,000	84,950	98,050
Imperial	530,000	486,000	500	500	5,000	6,000	5,500	6,500
Los Angeles	35,000	30,000	4,300	3,200	5,000	5,000	9,300	8,200
Orange	15,000	15,000	---	---	6,000	5,000	6,000	5,000
Riverside	179,000	182,000	96,000	102,000	4,000	3,000	100,000	105,000
San Bernardino	300,000	303,000	166,000	162,500	7,500	5,000	173,500	167,500
San Diego	57,000	55,000	15,000	14,300	9,500	12,000	24,500	26,300
Santa Barbara	105,000	100,000	4,400	4,900	35,000	42,000	39,400	46,900
Ventura	16,000	16,000	2,800	2,600	9,000	9,000	11,800	11,600
	1,237,000	1,187,000	289,000	290,000	81,000	87,000	370,000	377,000
STATE	5,000,000	4,960,000	962,000	974,000	1,008.000	1,011,000	1,970,000	1,985,000

1/ Includes 581,000 cattle in feedlots being finished for slaughter market.
2/ Includes 598,000 cattle in feedlots being finished for slaughter market.
* Revised.

TABLE 11 — Cattle and calves in feedlots, by districts, California 1984-85

Month and Year	Sacramento Vly. & Other No. Counties	Central Coast	San Joaquin Vly. Less Kern County	Kern, S.L.O. & 7 So. Calif. Counties	Imperial County	State Total
	Number of Head					
1984						
Jan. 1	5,900	31,000	105,300	27,200	419,600	589,000
Feb. 1	5,000	30,000	94,100	26,700	394,200	550,000
Mar. 1	5,000	30,100	82,200	27,000	371,700	516,000
Apr. 1	4,000	30,300	83,200	31,700	378,800	528,000
May 1	4,100	30,700	116,000	43,200	356,000	550,000
Jun. 1	8,400	28,800	156,500	53,300	311,000	558,000
Jul. 1	8,400	31,400	176,200	53,400	284,600	554,000
Aug. 1	9,800	32,400	173,200	48,600	283,000	547,000
Sep. 1	10,400	31,100	169,000	40,300	297,200	548,000
Oct. 1	11,700	32,000	182,900	43,900	321,500	592,000
Nov. 1	12,000	37,400	175,700	42,900	340,000	608,000
Dec. 1	12,600	37,600	174,900	44,900	359,000	629,000
1985						
Jan. 1	12,800	36,800	146,500	41,800	360,100	598,000
Feb. 1	11,200	32,600	127,500	38,400	329,300	539,000
Mar. 1	10,600	29,000	103,900	38,500	309,000	491,000
Apr. 1	10,300	24,400	89,500	39,200	292,600	456,000

TABLE 12 — Cattle and calves marketed from feedlots, California, 1980-85

Year	January-March	April-June	July-September	October-December	Total
	Number of Head				
1980	335,000	294,000	343,000	281,000	1,253,000
1981	288,000	275,000	298,000	278,000	1,139,000
1982	301,000	282,000	277,000	286,000	1,146,000
1983	245,000	245,000	257,000	281,000	1,028,000
1984	263,000	288,000	295,000	281,000	1,127,000
1985	257,000				

TABLE 13 —Cattle and calves shipped into California, 1983-84

State of Orgin	All Purposes		Stockers and Feeders		Immediate Slaughter	
	1983	1984	1983	1984	1983	1984
	- - - - - - - - - Number of Head - - - - - - - - -					
Arizona	273,000	196,000	144,000	94,000	129,000	101,000
Colorado	5,000	6,000	4,000	5,000	1,000	1,000
Florida	35,000	48,000	35,000	48,000	---	---
Idaho	60,000	82,000	51,000	71,000	9,000	10,000
Louisiana	2,000	2,000	2,000	2,000	---	---
Mississippi	42,000	27,000	42,000	27,000	---	---
Montana	13,000	19,000	11,000	16,000	2,000	3,000
Nevada	141,000	174,000	97,000	138,000	44,000	36,000
New Mexico	36,000	14,000	35,000	14,000	1,000	1,000
Oklahoma	5,000	12,000	5,000	12,000	---	---
Oregon	228,000	237,000	207,000	217,000	21,000	20,000
Texas	398,000	442,000	392,000	433,000	6,000	10,000
Utah	33,000	43,000	22,000	31,000	11,000	12,000
Washington	5,000	8,000	2,000	7,000	3,000	1,000
Wyoming	17,000	14,000	17,000	13,000	---	1,000
Other	32,000	51,000	29,000	46,000	3,000	5,000
TOTAL 1/	1,325,000	1,374,000	1,095,000	1,174,000	230,000	201,000

1/ Totals may not equal sum of parts due to rounding.

TABLE 14 — Cattle and calves shipped into California, by month, 1980-84

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
	- - - - - - - - - 1,000 Head - - - - - - - - -												
1980	149	85	96	70	54	77	98	91	116	160	185	152	1,333
1981	106	117	131	72	51	61	65	87	113	148	205	171	1,327
1982	120	92	121	74	80	107	83	71	121	241	256	186	1,553
1983	101	67	69	68	81	78	73	81	109	205	213	179	1,325
1984	126	70	67	73	56	62	73	84	128	172	258	206	1,374

1/ Totals may not equal sum of parts due to rounding.

TABLE 15 — Cattle and calves shipped out of California, by month, 1980-84

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
	- - - - - - - - - 1,000 Head - - - - - - - - -												
1980	11.9	12.3	15.2	48.6	232.2	123.9	68.4	36.2	28.0	35.4	22.4	15.9	650.4
1981	15.2	8.6	8.8	22.7	87.1	112.3	43.4	43.0	33.8	23.9	17.6	12.4	428.8
1982	5.7	7.1	8.6	18.3	195.9	139.0	48.3	24.7	33.8	30.9	20.3	15.2	547.8
1983	8.2	8.9	9.6	26.2	178.9	132.5	55.3	21.1	29.8	42.4	28.9	14.8	556.6
1984	13.5	13.5	31.8	73.9	233.8	111.9	41.7	8.7	26.3	31.8	24.4	20.3	632.2

1/ Totals may not equal sum of parts due to rounding.

TABLE 16 — Cattle operations and inventory, percentage by size groups, 1982-83 selected states*

State	1 - 99				100 - 499				500+			
	Operations		Inventory		Operations		Inventory		Operations		Inventory	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
	- - - - - - - - - - - - - Percent - - - - - - - - - - - - -											
California	82.9	84.7	10.2	11.4	11.4	9.7	22.0	20.6	5.7	5.6	67.8	68.0
Iowa	68.0	68.8	27.8	27.8	30.0	29.4	53.7	55.2	2.0	1.8	18.5	17.0
Kansas	74.7	71.8	22.4	20.2	22.0	24.9	38.1	39.1	3.3	3.3	39.5	40.7
Missouri	86.0	86.0	46.3	45.5	13.5	14.0	46.4	47.0	0.5	1/	7.3	6.7
Nebraska	60.7	61.3	13.6	14.2	32.9	32.5	38.7	38.7	6.4	6.2	47.7	47.1
Oklahoma	80.3	80.7	29.0	29.7	17.9	17.0	42.0	38.7	1.8	2.3	29.0	31.6
South Dakota	52.0	52.0	15.0	13.9	43.2	42.8	58.0	57.6	4.8	5.2	27.0	28.5
Texas	86.0	85.4	26.7	26.8	11.6	12.2	29.0	30.7	2.4	2.4	44.3	42.5
Wisconsin	80.2	79.4	50.0	49.7	19.8	20.6	47.2	47.5	1/	1/	2.8	2.8
United States	84.0	83.8	32.1	31.8	14.4	14.6	39.0	39.1	1.6	1.6	28.9	29.1

1/ Combined with other size groups
* 1984 estimates available July 1985.

TABLE 17 — Milk cow operations and inventory, percentage by size groups, 1982-83 selected states

State	1 - 49				50 - 99				100+			
	Operations		Inventory		Operations		Inventory		Operations		Inventory	
	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982	1983
	- - - - - - - - - - - - - Percent - - - - - - - - - - - - -											
California	62.5	62.7	1.2	1.1	6.2	6.4	3.0	2.9	31.3	30.9	95.8	96.0
Iowa	78.2	78.2	50.8	50.7	20.0	20.0	40.7	40.9	1.8	1.8	8.5	8.4
Michigan	67.4	67.5	31.8	29.6	24.2	24.5	37.5	38.6	8.4	10.0	30.7	31.8
Minnesota	79.2	77.6	59.0	57.1	18.5	20.0	32.4	34.3	2.3	2.4	8.6	8.6
New York	60.2	59.5	29.0	28.5	32.2	32.2	44.0	43.5	7.8	8.3	27.0	28.0
Ohio	80.6	78.6	51.4	46.6	16.3	18.0	34.9	38.5	3.1	3.4	13.7	14.9
Pennsylvania	75.0	77.5	47.0	44.5	20.0	21.5	34.5	36.5	5.0	5.0	18.5	19.0
Wisconsin	73.0	70.9	52.5	49.6	23.6	25.2	37.0	38.5	3.4	3.9	10.5	11.9
United States	76.7	75.5	33.8	32.5	17.2	18.2	31.8	32.8	6.1	6.3	34.3	34.7

* 1984 estimates available July 1985.

TABLE 18 — Farms and livestock operations, California, 1980-84 (U.S. -1983 & 1984) 1/

Year	All Farms 2/	Cattle Operations 3/	Milk Cow Operations	Sheep & Lamb Operations	Hog Operations
	- - - - - - - - - - Number - - - - - - - - - -				
CALIF.					
1980	81,000	33,000	5,600	6,000	7,000
1981	83,000	35,000	5,600	6,600	6,500
1982	82,000	35,000	5,500	7,200	6,500
1983	80,000	36,000	5,500	7,000	6,300
1984	78,000	35,000	5,300	6,000	5,500
U.S.					
1983	---	1,584,500	299,140	126,390	462,110
1984	---	1,547,290	285,740	123,300	431,680

1/ An operation is any place having one or more head of the species on hand at any time during the year.
2/ Definition of farm: Places with annual sales of agricultural products of $1,000 or more.
3/ Includes milk cow operations.

TABLE 19 — Milk cows and milk production, California, 1980-85 (U.S.-1983 & 84)

Year	Milk Cows and Heifers Calved		Annual Production per Milk Cow		Total Annual Production on Farms	
	January 1	Average During Year	Milk	Milk Fat	Milk	Milk Fat
	Number of Head		Pounds		Million Pounds	
CALIF.						
1980	878,000	896,000	15,153	547	13,577	490
1981	909,000	923,000	15,437	554	14,248	512
1982	940,000	940,000	15,455	561	14,528	527
1983	940,000	951,000	15,503	557	14,743	530
1984	962,000	967,000	15,799	562	15,278	544
1985	974,000	---	---	---	---	---
U.S.						
1983	11,109,000	11,098,000	12,585	460	139,672	5,105
1984	10,819,000	10,840,000	12,495	458	135,444	4,964

TABLE 20 — Milk cows number shipped into California, 1983-84

State of Origin	1983	1984	State of Origin	1983	1984
	- - Number of Head - -			- - Number of Head - -	
Colorado	1,613	1,727	Nevada	3,070	2,755
Idaho	8,878	12,313	New Mexico	265	894
Indiana	93	504	Oregon	2,215	2,368
Iowa	704	1,941	Texas	1,680	1,782
Kansas	872	313	Utah	5,339	5,306
Minnesota	642	1,144	Washington	44	318
Missouri	335	1,539	Wisconsin	428	935
Nebraska	442	648	Other	6,309	6,412
			TOTAL	32,929	40,899

TABLE 21 — All beef cattle average prices received by farmers, California, 1975-84 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Cwt.							
1975	34.30	32.20	32.50	35.40	37.20	39.00	39.40	36.30	36.40	36.70	35.20	39.10	36.30
1976	35.00	34.30	35.00	38.60	38.40	38.50	34.90	34.60	35.50	33.60	32.90	33.60	35.60
1977	33.90	34.30	34.20	34.70	36.20	35.60	37.60	36.20	36.20	37.80	37.40	38.50	36.00
1978	39.90	41.80	45.10	48.90	51.00	52.80	50.60	49.50	50.60	51.80	49.90	54.50	48.80
1979	59.10	63.20	69.80	72.00	73.60	66.50	65.50	58.70	64.50	62.90	62.90	64.90	65.80
1980	63.60	65.40	63.90	61.60	61.00	61.60	64.70	66.30	65.20	64.70	63.00	61.80	63.60
1981	61.60	60.20	59.40	60.00	59.50	57.60	56.80	55.80	59.30	56.00	52.10	50.40	57.90
1982	50.50	51.80	54.00	59.00	60.00	56.20	54.90	55.20	54.10	51.30	51.40	50.80	54.40
1983	52.10	55.00	56.50	57.20	56.50	55.50	53.10	52.30	49.70	50.00	50.10	51.70	53.30
1984	53.20	55.00	55.80	56.50	54.30	52.80	53.10	54.50	52.40	52.40	52.50	52.70	53.80

1/ "Steers, Heifers, and Cows" combined with allowance where necessary for slaughter bulls.

TABLE 22 — Beef steer and heifer, average prices received by farmers, California 1975-84 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Cwt.							
1975	37.50	34.60	35.20	39.90	43.10	46.00	46.30	41.90	41.30	41.40	40.40	44.50	41.10
1976	38.30	36.20	36.70	41.80	40.90	412.30	37.30	36.80	37.50	35.30	37.00	37.90	38.20
1977	36.90	37.10	37.20	37.50	38.90	38.10	40.70	38.80	38.60	40.40	40.70	41.60	38.80
1978	41.70	43.90	47.40	51.60	54.00	56.80	53.50	52.20	53.50	54.20	51.50	56.80	51.40
1979	61.30	65.40	72.90	75.40	77.40	70.00	68.40	61.80	68.40	66.10	67.00	68.90	69.10
1980	66.50	68.30	67.60	66.60	65.00	65.80	69.10	70.20	68.60	68.10	66.90	67.70	67.50
1981	67.20	64.30	62.90	64.60	64.40	62.90	62.80	62.00	64.50	61.70	59.90	59.90	63.40
1982	58.00	61.00	64.40	69.00	66.80	61.60	59.40	61.10	59.70	57.20	58.00	57.90	61.10
1983	58.90	62.10	62.70	64.80	63.10	60.70	58.90	57.70	55.20	56.30	56.80	60.60	59.80
1984	63.30	63.90	64.70	64.00	60.90	57.60	59.50	60.70	58.90	59.00	61.00	60.00	61.00

TABLE 23 — Beef cow, average prices received by farmers, California, 1975-84 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Cwt.							
1975	18.90	19.20	20.00	21.30	22.80	23.50	21.90	21.80	22.30	22.60	22.10	22.50	21.90
1976	23.40	25.60	26.50	28.10	28.80	27.80	25.70	25.10	24.80	23.40	21.70	21.20	25.30
1977	22.80	23.40	24.00	25.30	26.10	24.70	24.60	24.50	25.10	24.90	24.80	25.70	24.60
1978	27.00	31.00	33.30	36.00	38.80	37.60	38.80	37.40	38.50	39.20	39.80	41.80	36.50
1979	46.70	49.70	53.40	55.40	56.50	48.20	50.00	43.80	47.70	47.40	46.30	48.00	49.80
1980	47.90	50.40	47.60	44.60	42.60	43.10	43.10	46.10	49.00	48.50	46.00	46.30	46.20
1981	45.00	45.10	45.10	45.10	42.80	42.50	41.80	42.80	43.30	40.50	38.00	37.00	42.40
1982	39.30	39.10	40.80	41.20	41.20	40.00	43.90	40.50	40.30	38.30	36.60	35.40	39.70
1983	37.10	41.50	43.00	41.50	42.10	40.80	39.00	38.90	38.60	37.30	35.40	37.10	39.30
1984	38.30	40.20	42.20	42.50	40.30	40.00	40.00	40.20	38.70	37.20	35.60	36.20	39.40

1/ Includes cull dairy cows sold for slaughter but not dairy cows for herd replacement.

TABLE 24 — Calves, average prices received by farmers, California, 1975-84

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Cwt.							
1975	25.60	26.20	26.80	31.50	31.70	29.00	29.80	26.80	26.40	27.80	26.30	20.10	28.20
1976	29.00	30.40	32.40	33.80	35.90	33.40	31.20	30.40	31.30	31.60	30.80	29.70	31.70
1977	31.80	31.10	31.60	33.70	35.50	34.10	33.50	33.00	34.70	35.40	34.70	34.80	33.60
1978	36.20	39.20	43.00	47.60	52.00	54.30	55.20	53.80	54.80	61.90	63.40	65.50	51.00
1979	71.50	74.70	78.70	86.40	87.10	69.50	71.80	72.30	77.30	77.80	81.20	78.30	76.70
1980	79.60	81.40	79.10	66.70	74.10	68.80	68.50	71.20	69.50	69.50	68.80	65.20	71.60
1981	66.60	68.70	64.00	64.00	60.70	59.20	57.00	57.10	57.30	54.60	58.00	57.90	60.20
1982	54.70	57.80	57.00	54.80	57.00	55.20	55.20	55.80	54.40	54.60	56.80	56.70	55.70
1983	56.80	58.60	61.70	61.10	60.00	57.60	54.30	53.20	52.00	55.10	54.30	60.20	57.00
1984	58.40	57.90	57.70	59.00	55.40	55.10	56.30	53.80	55.20	55.90	56.30	55.80	56.30

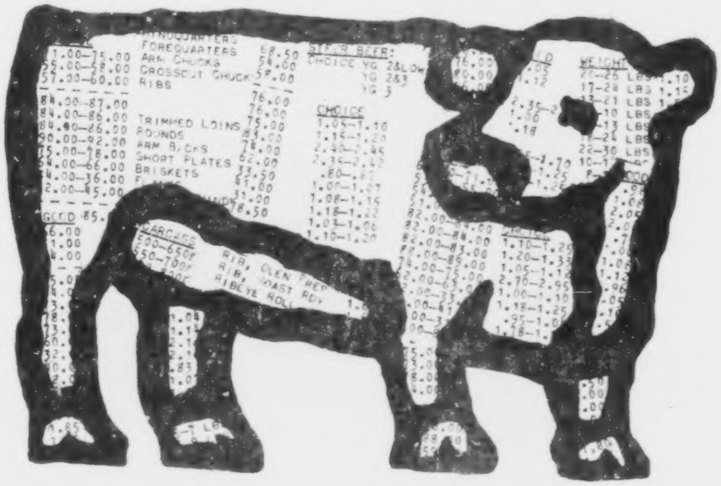


TABLE 25 — Milk cows, average, prices received by farmers, California, 1975-84 1/

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Head							
1975	450	420	400	400	415	430	445	445	445	465	465	465	526
1976	545	560	545	565	575	565	560	565	595	600	595	580	571
1977	585	605	610	620	595	615	615	630	655	665	680	650	627
1978	660	690	730	760	810	880	930	950	985	1,050	1,100	1,180	894
1979	1,220	1,220	1,230	1,310	1,320	1,290	1,350	1,320	1,370	1,390	1,330	1,360	1,310
1980	1,410	1,430	1,420	1,390	1,340	1,300	1,280	1,310	1,350	1,360	1,360	1,370	1,360
1981	1,370	1,340	1,300	1,250	1,250	1,250	1,270	1,270	1,290	1,360	1,370	1,380	1,310
1982	1,370	---	---	1,200	---	---	1,220	---	---	1,260	---	---	1,260
1983	1,230	---	---	1,230	---	---	1,240	---	---	1,130	---	---	1,208
1984	1,100	---	---	1,100	---	---	1,050	---	---	1,090	---	---	1,090

1/ Milk cows sold for dairy herd replacement only.

Sheep and Lambs

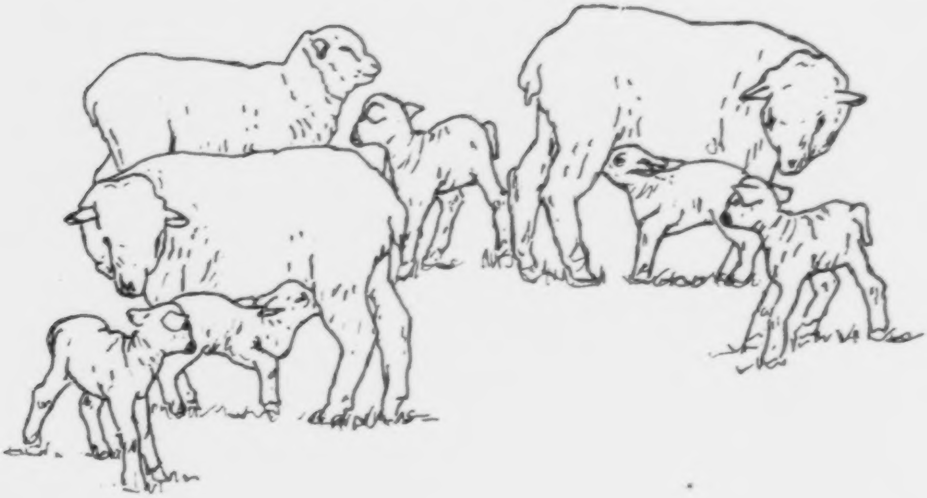


TABLE 26—Sheep and lambs inventory, supply, and disposition, California, 1980–84, (U.S.-1983 & 84) 1/

Year	Beginning Inventory January 1 (Prev. Year)	Lamb Crop	Inshipments	Marketings 2/		Farm Slaughter 3/	Deaths		Ending Inventory January 1
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head								
1980	1,175	725	258	65	689	19	90	90	1,205
1981	1,205	765	206	92	685	24	80	85	1,210
1982	1,210	750	295	120	820	25	80	95	1,115
1983	1,115	730	161	81	669	23	39	79	1,115
1984	1,115	720	191	89	737	23	37	75	1,065
U.S.									
1983	12,140	8,209	1,838	1,820	7,104	171	674	934	11,487
1984	11,487	7,773	1,848	1,805	6,994	141	793	931	10,443

1/ Balance sheet estimates: The sum of inventory at beginning of year (January 1), lamb crop, and inshipments is equal to the sum of marketings, farm slaughter, deaths, and end-of-year inventory.

2/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

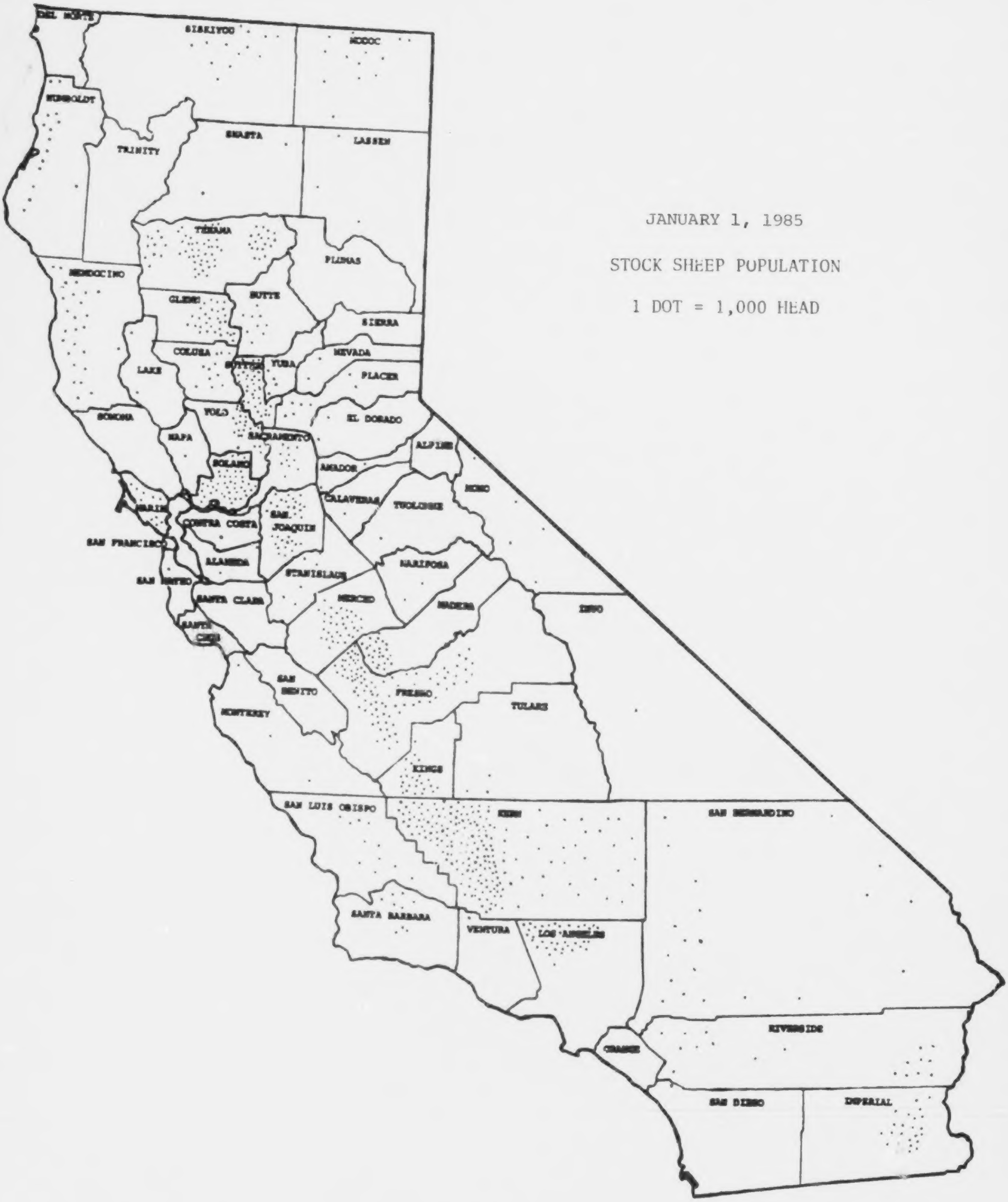
3/ Excludes custom slaughter for farms at commercial establishments.

TABLE 27—Sheep and lambs on farms January 1, California, 1981-85, (U.S.-1984 & 85)

Year	All Sheep	On Feed For Market	Stock Sheep				
			Total	Ewes 1 Yr. +	Ewe Lambs	Whethers & Ram Lambs	Whethers & Rams 1 Yr. +
	- - - - - - - - - - - - - Number of Head - - - - - - - - - - - - -						
CALIF.							
1981	1,205,000	175,000	1,030,000	850,000	129,000	23,000	28,000
1982	1,210,000	200,000	1,010,000	854,000	106,000	27,000	23,000
1983	1,115,000	195,000	920,000	800,000	77,000	16,000	27,000
1984	1,115,000	215,000	900,000	796,000	65,000	16,000	23,000
1985	1,065,000	195,000	870,000	770,000	63,000	15,000	22,000
U.S.							
1984	11,487,000	1,718,000	9,769,000	7,874,000	1,237,000	318,000	340,000
1985	10,443,000	1,596,000	8,847,000	7,233,000	1,016,000	284,000	314,000

TABLE 28—Ewes on farms, and lambs docked, California, 1980-85 (U.S.-1983 & 1984)

Year	Ewes 1 Yr. + January 1	Lambs Docked	Lambs Docked as % of Ewes 1 Yr. +
	- - - Number of Head - - -		- Percent -
CALIF.			
1980	839,000	725,000	86
1981	850,000	765,000	90
1982	854,000	750,000	88
1983	800,000	730,000	91
1984	796,000	720,000	90
1985	770,000	---	---
U.S.			
1983	8,267,000	8,209,000	99
1984	7,874,000	7,773,000	99
1985	7,233,000	---	---



JANUARY 1, 1985

STOCK SHEEP POPULATION

1 DOT = 1,000 HEAD

DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
COLUSA
SUTTER
YUBA
NEVADA
LAKE
PLACER
YOLO
SONOMA
EL DORADO
NAPA
SACRAMENTO
ALPINE
SOLANO
AMADOR
MONO
MARIN
CALAVERAS
TUOLUMNE
CONTRA COSTA
SAN JOAQUIN
SAN FRANCISCO
ALAMEDA
STANISLAUS
MARIPOSA
SAN MATEO
SANTA CLARA
MERCED
MADERA
INYO
SANTA CRUZ
SAN BENITO
FRESNO
TULARE
MONTEREY
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL

TABLE 29— Stock sheep and lambs on farms, January 1, California, 1978–85

	1978	1979	1980	1981	1982	1983	1984	1985
	Number of Head							
Del Norte	600	700	700	600	600	500	600	500
Humboldt	25,000	27,600	25,000	21,000	20,400	15,500	15,800	15,000
Mendocino	31,500	31,000	31,000	31,400	31,000	27,000	24,600	29,100
	57,100	59,300	56,700	53,000	52,000	43,000	41,000	44,600
Shasta	1,900	2,500	2,400	2,800	2,300	2,500	1,900	2,600
Siskiyou	10,500	11,300	12,000	13,500	14,500	13,000	9,500	7,400
Trinity	200	500	600	700	600	500	600	200
	12,600	14,300	15,000	17,000	17,400	16,000	12,000	10,200
Lassen	1,800	1,700	1,900	2,500	2,700	2,700	2,600	2,500
Modoc	10,000	18,000	15,000	17,000	17,000	13,400	17,100	12,500
Plumas	200	300	200	300	300	300	300	200
	12,000	20,000	17,100	19,800	20,000	16,400	20,000	15,200
Alameda	1,500	2,500	2,400	2,600	2,500	2,700	2,400	2,000
Contra Costa	1,500	1,400	1,100	1,000	1,000	900	300	200
Lake	1,700	1,500	2,100	3,200	3,100	2,500	2,900	2,000
Marin	9,100	10,000	10,500	11,600	11,000	10,500	8,600	9,500
Monterey	3,600	3,400	3,300	2,600	2,500	3,000	3,500	3,900
Napa	1,500	1,600	1,200	1,200	1,300	1,000	900	1,200
San Benito	1,800	1,800	1,400	1,400	1,300	1,200	1,400	1,200
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	7,300	8,500	10,000	11,000	12,600	11,500	21,000	24,600
San Mateo	600	500	500	600	600	600	400	600
Santa Clara	1,400	1,400	1,400	1,600	1,500	1,100	2,000	3,100
Santa Cruz	1,300	500	500	700	600	600	600	600
Sonoma	51,000	46,000	47,000	47,000	43,000	41,400	35,000	29,100
	82,300	79,100	81,400	84,500	81,000	77,000	79,000	78,000
Butte	8,000	9,000	9,000	9,800	9,800	8,800	8,800	7,900
Colusa	25,000	20,000	16,500	12,000	11,000	10,800	12,000	10,100
Glenn	26,600	30,000	37,000	32,500	29,700	30,000	25,000	24,000
Sacramento	14,000	13,500	13,000	12,600	10,000	10,500	11,000	9,400
Solano	50,000	48,000	49,000	54,000	55,000	53,400	67,000	66,000
Sutter	40,000	43,000	40,000	37,000	37,000	32,000	37,000	33,300
Tehama	73,400	78,000	74,000	78,000	73,000	68,000	67,000	64,900
Yolo	25,000	23,000	23,000	20,500	20,000	20,500	24,000	20,900
Yuba	6,000	7,500	4,000	4,500	4,500	4,000	3,200	2,500
	268,000	272,000	265,500	260,900	250,000	238,000	255,000	239,000
Fresno	100,000	98,000	111,000	125,000	123,000	95,000	60,000	52,300
Kern	148,000	150,000	167,000	177,000	187,000	178,000	170,000	174,000
Kings	30,500	28,000	31,000	30,500	30,000	25,000	16,700	22,600
Madera	25,000	28,000	29,000	31,000	29,000	25,000	28,000	31,000
Merced	32,000	35,000	40,000	36,000	33,700	34,700	35,500	32,200
San Joaquin	33,000	37,000	42,000	52,000	50,000	32,000	30,000	27,900
Stanislaus	3,000	4,000	3,400	3,800	5,000	5,000	4,500	5,700
Tulare	2,000	2,000	1,900	2,200	2,500	2,300	2,300	2,300
	373,500	382,000	425,300	457,500	460,200	397,000	347,000	348,000
Alpine	100	100	100	100	100	100	100	100
Amador	1,000	1,100	1,400	1,900	1,700	1,800	1,800	1,600
Calaveras	700	800	1,000	1,300	1,200	1,400	1,300	1,500
El Dorado	1,500	1,600	1,500	1,800	1,600	1,600	1,500	1,700
Inyo	1,000	1,300	1,000	1,200	1,200	1,200	1,700	1,500
Mariposa	800	1,000	1,100	1,500	1,800	1,700	1,800	2,000
Mono	4,800	5,000	4,600	6,500	6,000	5,400	7,300	8,000
Nevada	1,300	1,700	1,800	1,900	1,900	1,500	1,100	1,100
Placer	6,000	6,800	7,000	7,600	7,700	7,000	8,200	11,200
Sierra	100	100	100	100	100	100	200	200
Tuolumne	600	600	600	900	900	800	1,000	1,100
	17,900	20,100	20,200	24,800	24,200	22,600	26,000	30,000
Imperial	18,000	30,000	21,000	20,000	19,000	25,000	25,000	29,900
Los Angeles	29,400	40,000	44,000	43,000	39,000	35,700	32,300	27,000
Orange	400	400	300	300	300	200	200	200
Riverside	20,800	20,000	21,000	21,000	18,000	18,500	22,800	21,100
San Bernardino	17,000	20,000	22,000	19,100	19,000	19,500	27,400	16,300
San Diego	500	500	500	1,000	1,000	900	1,000	1,000
Santa Barbara	2,100	5,100	7,000	6,500	7,500	9,000	10,000	7,500
Ventura	3,400	2,200	3,000	1,600	1,400	1,200	1,300	2,000
	91,600	118,200	118,800	112,500	105,200	110,000	120,000	105,000
STATE	915,000	965,000	1,000,000	1,030,000	1,010,000	920,000	900,000	870,000

TABLE 30 — Sheep and lambs shipped into California, 1983-84 1/

State of Origin	All Purposes		Stockers and Feeders		Immediate Slaughter	
	1983	1984	1983	1984	1983	1984
	Number of Head					
Arizona	79,000	49,000	16,000	13,000	63,000	36,000
Colorado	19,000	9,000	4,000	2,000	15,000	7,000
Idaho	188,000	156,000	8,000	18,000	180,000	138,000
Montana	4,000	10,000	2,000	1,000	2,000	9,000
Nevada	206,000	205,000	46,000	57,000	160,000	149,000
New Mexico	32,000	37,000	25,000	30,000	7,000	7,000
Oregon	261,000	267,000	24,000	25,000	237,000	242,000
Texas	32,000	51,000	26,000	49,000	6,000	2,000
Utah	151,000	166,000	5,000	7,000	145,000	159,000
Washington	2,000	*	*	*	2,000	*
Wyoming	30,000	24,000	2,000	1,000	27,000	22,000
Other	10,000	8,000	2,000	3,000	8,000	5,000
TOTAL	1,013,000	982,000	161,000	206,000	852,000	776,000

1/ Totals may not equal sum of parts due to rounding.
* Less than 500 head.

TABLE 31 — Sheep and lambs slaughtered under Federal and State inspection, 1980-84 (U.S.-1983 & 84)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
	1,000 Head												
CALIF.													
1980	84	81	89	103	112	90	91	86	89	88	71	87	1,072
1981	96	82	86	79	85	100	109	106	113	117	99	107	1,179
1982 2/			358			374			369			330	1,431
1983	102	104	140	141	139	131	116	131	128	119	110	104	1,464
1984	110	122	140	128	128	120	106	120	104	120	107	97	1,402
U.S.													
1983	522	469	634	524	527	526	514	608	617	600	528	551	6,619
1984	553	561	601	616	573	516	529	583	548	608	541	530	6,759

1/ Totals may not equal sum of parts due to rounding.
2/ In 1982, slaughter was reported quarterly only.

TABLE 32—Sheep and lambs shorn, and wool production California 1980-84 (U.S.-1983 & 84)

Year	Sheep and Lambs Shorn	Wool Produced	
		Per Animal 1/	Total
	1,000 Head	Pounds	1,000 Pounds
CALIF.			
1980	1,402	7.5	10,478
1981	1,415	7.5	10,645
1982	1,390	7.4	10,303
1983	1,313	7.5	9,846
1984	1,277	7.3	9,382
U.S.			
1983	12,864	8.0	102,866
1984	12,015	7.7	92,944

1/ Average per animal some shorn more than once.

TABLE 33 — Sheep, average prices received by farmers, California, 1975–84

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Cwt.							
1975	7.90	8.70	10.60	10.30	11.00	10.80	12.20	12.00	11.60	11.70	11.30	11.20	10.80
1976	12.70	13.30	14.40	13.90	13.90	13.50	13.20	12.90	11.40	10.80	10.00	10.50	13.30
1977	10.50	10.90	12.20	11.90	11.20	9.40	10.40	10.00	10.10	11.00	11.90	11.60	10.70
1978	14.80	14.80	16.60	16.50	16.50	15.80	16.40	17.10	17.70	17.70	17.60	17.60	16.70
1979	21.60	20.50	1/	26.00	22.10	20.90	20.50	20.20	20.00	20.00	19.10	17.60	21.20
1980	14.10	25.10	21.70	16.50	15.30	18.30	12.30	15.70	16.50	16.60	14.00	13.30	16.10
1981	18.30	19.70	21.10	19.70	16.80	14.10	17.00	17.10	13.80	16.00	17.00	14.00	17.00
1982	18.00	18.00	21.10	21.00	18.90	19.90	17.00	19.00	19.10	18.50	18.70	17.30	18.60
1983	20.00	23.60	23.50	22.10	17.70	16.30	15.70	14.20	16.20	16.20	16.90	20.00	18.50
1984	19.80	21.70	18.30	17.70	15.80	16.30	15.70	17.80	15.80	16.20	20.50	18.90	17.40

1/ Insufficient sales.

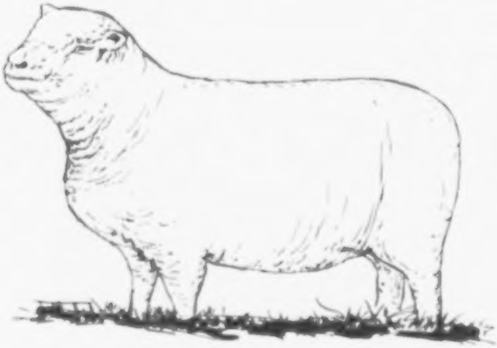


TABLE 34 — Lambs, Average prices received by farmers, California, 1975–84

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual Average
						Dollars Per Cwt.							
1975	38.60	36.90	39.10	40.00	44.50	46.90	45.00	43.40	40.10	42.40	42.40	44.80	42.80
1976	47.60	48.20	48.70	52.00	56.40	51.80	46.50	44.30	43.00	41.80	41.30	43.40	49.20
1977	44.80	47.90	49.00	51.70	54.30	50.40	51.10	48.90	48.20	49.50	52.20	54.30	50.10
1978	60.40	59.30	62.00	64.30	63.50	63.00	58.10	57.10	59.80	60.40	59.30	62.00	60.90
1979	68.70	67.80	66.00	70.90	69.20	67.70	65.50	60.80	63.80	60.00	66.80	66.90	66.60
1980	68.70	64.20	69.80	58.60	59.30	63.30	63.20	66.60	67.30	63.00	65.50	57.00	63.00
1981	56.80	57.00	59.00	57.10	60.40	65.60	55.90	50.00	48.70	48.70	50.00	50.00	56.30
1982	48.30	53.60	63.50	63.30	64.00	63.00	61.40	55.30	54.00	50.00	45.20	53.40	54.50
1983	56.00	61.70	64.00	62.50	59.50	54.20	50.60	49.70	49.30	51.30	56.30	59.20	56.40
1984	60.60	60.00	59.60	61.30	58.90	56.70	58.60	59.10	60.00	60.80	60.90	60.20	59.70

Hogs and Pigs

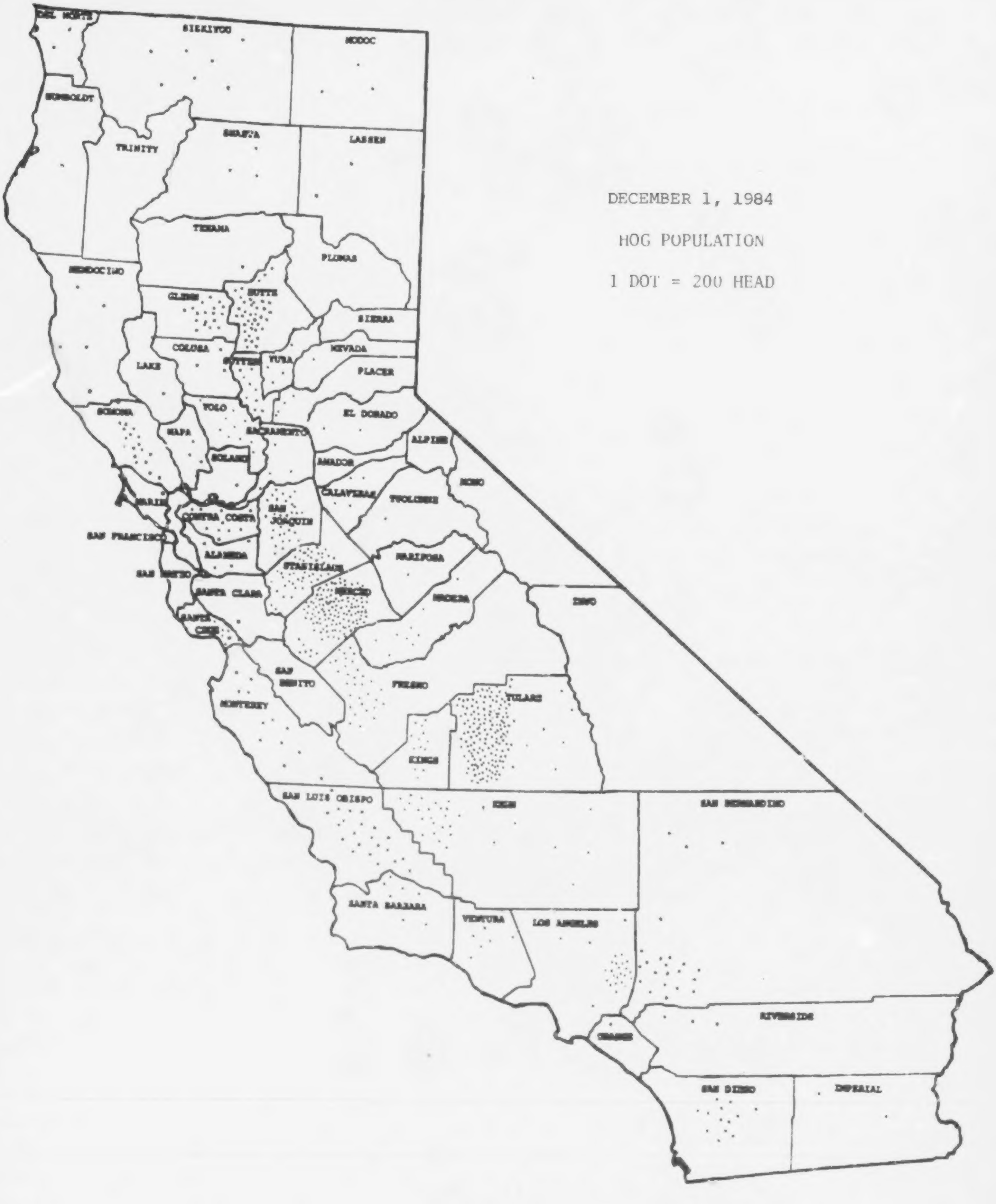
TABLE 35—Hogs and pigs, inventory, supply, and disposition, California, 1980-84, (U.S. -1983 & 84) 1/

Year	Beginning Inventory December 1 (Prev. Yr.)	Pig Crop		Inshipments	Marketings 2/	Farm Slaughter 3/	Deaths	Ending Inventory December 1
		Dec.-May	Jun.-Nov.					
	1,000 Head							
1980	180	161	150	39	297	20	22	180
1981	180	142	126	30	280	18	20	160
1982	160	100	115	32	219	15	13	160
1983	160	128	121	31	247	15	15	155
1984	155	121	113	30	256	18	16	140
U.S.								
1983	54,534	47,409	45,746	3,527	89,129	517	4,875	56,694
1984	56,694	42,322	44,154	3,527	87,264	473	4,917	54,043

1/ Balance sheet estimates: The sum of inventory at beginning of year (December 1) pig crop, and inshipments is equal to the sum of marketings, farm slaughter, deaths, and end-of-year inventory.

2/ Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.

3/ Excludes custom slaughter for farms at commercial establishments.


DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
COLUSA
LAKE
SUTTER
YUBA
NEVADA
PLACER
SONOMA
YOLO
EL DORADO
NAPA
SACRAMENTO
ALPINE
SOLANO
AMADOR
MARIN
CALAVERAS
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MERCED
MADERA
INYO
SANTA CRUZ
SAN BENITO
FRESNO
MONTEREY
TULARE
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
IMPERIAL

DECEMBER 1, 1984

HOG POPULATION

1 DOT = 200 HEAD

TABLE 36— All hogs on farms, December 1, California 1980-84

	1980	1981	1982	1983	1984
	Number of Head				
Del Norte	600	500	500	400	300
Humboldt	200	200	200	200	200
Mendocino	1,600	1,300	1,100	900	800
	2,400	2,000	1,800	1,500	1,300
Shasta	1,000	800	700	700	500
Siskiyou	2,000	1,600	1,500	1,300	1,000
Trinity	100	100	100	100	100
	3,100	2,500	2,300	2,100	1,600
Lassen	500	500	400	300	200
Modoc	1,100	900	700	900	1,200
Plumas	100	100	100	100	100
	1,700	1,500	1,200	1,300	1,500
Alameda	600	600	900	200	300
Contra Costa	2,900	1,700	2,100	2,000	1,700
Lake	400	300	300	200	200
Marin	400	300	200	200	200
Monterey	2,800	2,800	2,400	2,800	2,600
Napa	500	600	700	600	500
San Benito	200	200	100	100	100
San Francisco	---	---	---	---	---
San Luis Obispo	8,000	7,700	7,500	5,500	4,400
San Mateo	200	100	100	100	100
Santa Clara	300	200	200	200	200
Santa Cruz	1,700	1,500	1,500	1,500	1,300
Sonoma	4,300	4,300	3,700	3,900	4,300
	22,300	20,300	19,700	17,300	15,900
Butte	8,200	7,800	7,700	7,400	7,400
Colusa	700	600	700	500	200
Glenn	4,000	4,100	3,600	3,200	2,900
Sacramento	1,500	1,200	900	800	900
Solano	200	200	200	200	100
Sutter	2,300	2,000	1,800	1,500	1,300
Tehama	500	400	300	300	200
Yolo	2,500	2,100	2,000	1,900	1,700
Yuba	1,200	1,000	900	900	800
	21,100	19,400	18,100	16,700	15,500
Fresno	8,900	6,800	6,500	6,400	5,700
Kern	5,600	5,000	6,000	5,400	5,000
Kings	4,100	3,300	2,700	2,600	2,300
Madera	2,400	1,900	1,800	1,500	1,500
Merced	19,000	23,000	30,000	31,000	27,000
San Joaquin	9,400	7,500	7,000	6,500	5,800
Stanislaus	12,000	10,500	9,500	9,000	8,500
Tulare	38,500	35,500	34,000	37,000	35,000
	99,900	93,500	97,500	99,400	90,800
Alpine	---	---	---	---	---
Amador	100	100	100	100	100
Calaveras	1,500	800	900	1,100	1,000
El Dorado	700	500	500	800	800
Inyo	---	---	---	---	---
Mariposa	1,600	300	200	100	100
Mono	---	---	---	---	---
Nevada	100	300	300	200	100
Placer	400	600	800	600	400
Sierra	---	---	---	---	---
Tuolumne	300	200	200	100	100
	4,700	2,800	3,000	3,000	2,600
Imperial	900	600	500	400	300
Los Angeles	5,500	5,000	5,200	3,000	2,600
Orange	300	200	200	100	100
Riverside	6,700	3,000	700	500	400
San Bernardino	5,000	4,200	4,400	4,500	3,000
San Deigo	3,000	2,300	2,700	2,300	2,200
Santa Barbara	2,100	1,500	1,400	1,200	1,000
Ventura	1,300	1,200	1,300	1,700	1,200
	24,800	18,000	16,400	13,700	10,800
STATE	180,000	160,000	160,000	155,000	140,000

TABLE 37 — Hogs and pigs on farms, by type, California, December 1, 1980-84 (U.S. 1983 & 1984)

Year	Total Hogs and Pigs	Breeding Hogs and Pigs	Market Hogs				
			Under 60 Pounds	60-119 Pounds	120-179 Pounds	180 Pounds and Over	Total
	1,000 Head						
CALIF.							
1980	180	32	62	41	24	21	148
1981	160	24	55	38	24	19	136
1982	160	21	43	51	21	24	139
1983	155	23	50	36	24	22	132
1984	140	21	46	31	24	18	119
U.S.							
1983	56,654	7,391	19,028	12,626	9,985	7,664	49,303
1984	54,043	6,930	18,035	12,021	9,605	7,452	47,113

TABLE 38—Sows farrowed and pigs saved, California, 1980-84 (U.S. 1983 & 1984)

Year	Spring (Dec. 1 to June 1)			Fall (June 1 to Dec. 1)			Total Pigs Saved
	Sows Farrowed	Pigs Saved	Pigs per Litter	Sows Farrowed	Pigs Saved	Pigs per Litter	
	- 1,000 Head -		Number -	- 1,000 Head -		- Number -	1,000 Head
CALIF.							
1980	23	161	7.0	21	150	7.2	311
1981	20	142	7.1	18	126	7.0	268
1982	15	100	6.7	16	115	7.2	215
1983	17	128	7.5	15	113	7.5	241
1984	17	121	7.1	15	113	7.5	234
U.S.							
1983	6,301	47,409	7.5	6,176	45,746	7.4	93,155
1984	5,686	42,322	7.4	5,856	44,154	7.5	86,476

TABLE 39 — Hogs and pigs slaughtered under Federal and State inspection, California, 1980-1984, (U.S.-1983 & 84)

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total 1/
						1,000 Head							
CALIF.													
1980	159	144	148	160	159	154	153	144	152	165	134	160	1,832
1981	155	132	163	164	155	158	163	157	162	175	153	178	1,915
1982 2/			478			456			455			429	1,818
1983	139	126	155	148	151	162	144	158	153	157	156	175	1,824
1984	158	145	169	166	171	160	163	173	146	183	158	167	1,959
U.S.													
1983	6,664	5,964	7,583	7,298	7,118	7,251	6,562	7,311	7,500	8,086	8,436	7,812	87,584
1984	7,193	6,811	7,802	7,161	7,367	6,595	6,007	6,846	6,643	8,152	7,597	6,994	85,168

1/ Totals may not equal sum of parts due to rounding.
2/ In 1982, slaughter was reported quarterly only.

TABLE 40 — Hogs and pigs truck and rail shipments into California, by month, 1983-84 1/

Mode	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
						1,000 Head							
1983													
Truck	81	69	80	76	73	81	69	65	59	69	64	82	868
Rail	47	44	57	-65	58	65	73	73	79	75	72	82	791
Monthly Totals	128	113	137	142	131	146	142	138	137	144	136	163	1,658
1984													
Truck	76	59	68	72	71	78	72	72	67	77	63	69	419
Rail	71	73	84	71	77	71	72	82	75	79	77	81	467
Monthly Totals	147	132	152	143	148	149	143	153	142	156	140	151	1,756

1/ May not add due to rounding.

TABLE 41 — Hogs and pigs, truck and rail shipments into California, 1983-84

State of Origin	Truck		Rail		Total	
	1983	1984	1983	1984	1983	1984
			Number of Head			
Colorado	147,000	103,000	32,000	38,000	179,000	141,000
Idaho	4,000	4,000	---	---	4,000	4,000
Iowa	64,000	43,000	130,000	195,000	194,000	237,000
Kansas	15,000	18,000	70,000	68,000	85,000	86,000
Missouri	12,000	14,000	224,000	162,000	236,000	177,000
Nebraska	100,000	85,000	291,000	363,000	391,000	449,000
Nevada	25,000	27,000	---	---	25,000	27,000
South Dakota	322,000	314.000	44.000	87.000	366.000	401.000
Utah	19,000	12,000	---	---	19,000	12,000
Other	160,000	220,000	---	---	160,000	220,000
TOTAL	868,000	840,000	791,000	913,000	1,659,000	1,754,000

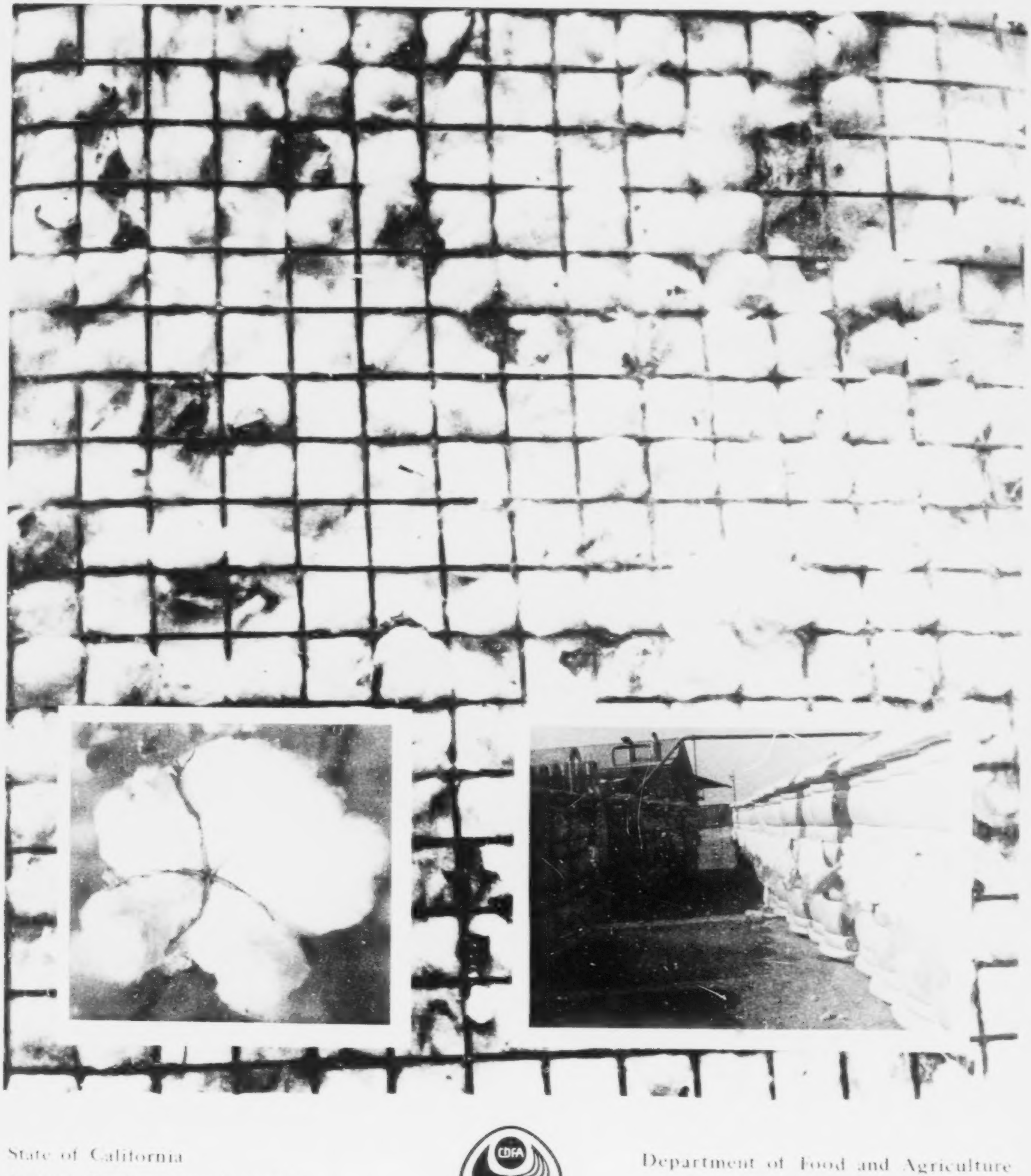
1/ May not add due to rounding.

TABLE 82 — All livestock on farms, United States, January 1, 1985

State and Region	Cattle and Calves			Stock Sheep and Lambs	All Hogs 1/	Livestock on Feed	
	All	Cows and Heifers That Have Calved				Cattle & Calves 2/	Sheep & Lambs 3/
		Beef	Milk				
	1,000 Head						
Alabama	1,830	871	49	---	360	30	---
Alaska	9.5	2.9	1.3	2.9	2.4	---	---
Arizona	1,050	272	8.3	232	170	419	34
Arkansas	1,850	914	79	---	400	11	---
CALIFORNIA	4,960	1,011	974	870	140	598	195
Colorado	3,000	855	75	390	210	1,000	300
Connecticut	110	7	48	9.2	8	---	---
Delaware	26	2	10	---	36	---	---
Florida	2,190	1,161	164	---	160	90	---
Georgia	1,750	771	118	---	1,200	26	---
Hawaii	218	82	12	---	47	17	---
Idaho	1,780	538	162	295	112	200	18
Illinois	2,500	615	225	118	5,400	540	18
Indiana	1,670	439	197	100	4,300	260	10
Iowa	5,600	1,305	345	280	14,200	880	80
Kansas	5,860	1,512	108	170	1,600	1,530	75
Kentucky	2,580	1,038	232	27	880	25	---
Louisiana	1,320	670	95	9.2	70	10	---
Maine	148	11	59	19	8.8	--	---
Maryland	390	79	121	16	215	18	---
Massachusetts	100	9	47	11	40	---	---
Michigan	1,450	160	390	92	1,310	165	18
Minnesota	3,550	420	890	185	4,300	370	70
Mississippi	1,588	753	84	---	285	10	---
Missouri	4,850	2,000	225	107	3,450	90	16
Montana	2,960	1,513	27	470	155	90	45
Nebraska	6,100	1,808	102	100	3,700	1,880	65
Nevada	620	307	18	90	13	25	10
New Hampshire	71	5	31	12	9	---	---
New Jersey	102	16	39	12	50	2	---
New Mexico	1,410	555	65	486	35	178	52
New York	2,000	88	942	59	139	10	---
North Carolina	1,175	458	127	8.4	2,300	25	---
North Dakota	2,050	964	97	165	255	38	50
Ohio	1,835	360	380	220	1,970	150	45
Oklahoma	5,300	1,993	107	65	220	350	20
Oregon	1,650	639	96	330	110	100	100
Pennsylvania	1,960	190	735	88	800	85	---
Rhode Island	8	0.6	3.6	---	5.7	---	---
South Carolina	620	272	47	---	450	23	---
South Dakota	4,160	1,627	161	564	1,600	355	75
Tennessee	2,535	1,050	210	9.0	1,100	15	---
Texas	14,100	5,586	314	1,670	415	2,310	140
Utah	800	289	80	490	28	40	25
Vermont	350	10	186	15	6.8	---	---
Virginia	1,760	643	162	125	370	26	---
Washington	1,470	398	211	53	45	203	---
West Virginia	580	275	33	76	37	14	---
Wisconsin	4,440	230	1,840	66	1,300	120	15
Wyoming	1,365	618	12	740	25	110	120
UNITED STATES	109,801	35,393	10,819	8,847	54,043	12,440	1,596

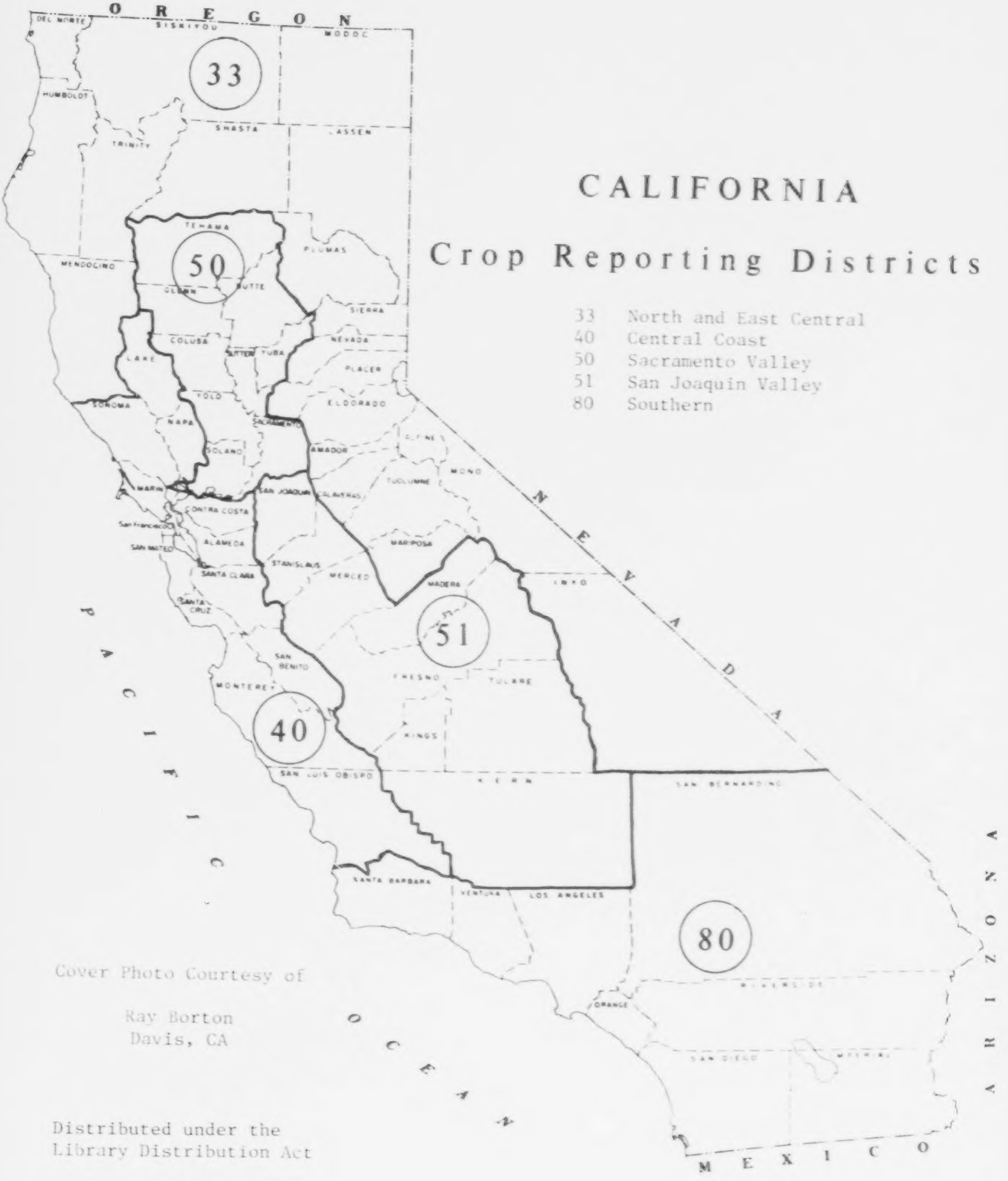
1/ December 1 preceding year.
2/ Included in All Cattle and Calves.
3/ Not included in Stock Sheep.

CALIFORNIA AGRICULTURE -- 1984



State of California
George Deukmejian, Governor

Department of Food and Agriculture
Clare Berryhill, Director


OREGON
DEL NORTE
SISKIYOU
MODOC
33
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
50
GLENN
BUTTE
SIERRA
COLUSA
SUTTER
YUBA
NEVADA
LAKE
PLACER
YOLO
SONOMA
NAPA
ELDORADO
SACRAMENTO
SOLANO
AMADOR
ALPINE
MONO
MARIN
SAN JOAQUIN
CALAVERAS
TUOLUMNE
CONTRA COSTA
San Francisco
ALAMEDA
SAN MATEO
MARIPOSA
STANISLAUS
SANTA CLARA
MERCED
MADERA
INYO
SANTA CRUZ
51
SAN BENITO
FRESNO
TULARE
MONTEREY
KINGS
40
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
80
RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL
NEVADA
ARIZONA
MEXICO
PACIFIC OCEAN

CALIFORNIA

Crop Reporting Districts

33	North and East Central
40	Central Coast
50	Sacramento Valley
51	San Joaquin Valley
80	Southern

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CALIFORNIA AGRICULTURE

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CALIFORNIA AGRICULTURE

(Statistical Review for 1984)

California again had the highest cash receipts in the nation for 1984. The total of $13.8 billion was up 2 percent from 1983 but less than the $14.4 billion received in 1982 and also below 1980 and 1981 cash receipts.

Crop production in 1984 was up largely due to increased field crop production following the 1983 Payment-In-Kind (PIK) program. Field crops production totaled 26.1 million tons, up 19 percent from 1983. Average value per acre of field crops produced was down 2 percent from 1983.

The 1984 fruit and nut crops production totaled 10.3 million tons, down nearly 8 percent from 1983. Even with the lower total production, many commodities sold for lower prices. Vegetable production reached a new record high. Cash receipts for vegetables were also up as growers increased production of higher value crops.

Cash receipts from all livestock, poultry, and apiary marketings increased nearly 6 percent during 1984. Small increases in cash receipts occurred in many of the commodity groups. Most of the increase was due to greater production and marketing.

FIELD CROPS: California's 1984 field crop production was 26.1 million tons. This is 19 percent above the 21.9 million tons produced in 1983, but 14 percent below the record 30.3 million tons produced in 1981. Only the barley, sweetpotato, and hops crops were smaller in 1984 than in 1983. Average value per acre, at $528 for 1984, was off 2 percent from the $538 per acre in 1983. Total value of field crop production reached $3.1 billion for 1984, 17 percent above the $2.7 billion realized in 1983.

FRUIT AND NUT CROPS: The total value of California's 1984 fruit and nut crops was estimated to be $2.7 billion, an 11 percent increase from the 1983 crop. Grapes continue to account for the largest percent of this estimate with $739 million in total value.

California's total fruit and nut production was estimated at 10.3 million tons, down 8 percent from the 1983 total. The 1984 total bearing acreage of 1,906,590 acres is the largest on record. Average per acre value of production was $1,400, down $100 from a year earlier.

Deciduous tree fruit production, at 2.03 million tons, was up 21 percent from 1983. Substantial increases in output were recorded for apricots, cherries, Clingstone peaches, and plums. Fruit crops showing a decline from last year were nectarines, prunes, pomegranates, raisins, and table grapes. The almond and pistachio crops were the largest recorded at 580 and 62 million pounds, respectively. Total grape production of 4.6 million tons was off 7 percent from 1983. The 1983-84 citrus crop harvest declined 30 percent with Valencia orange production down over 50 percent while the other citrus showed smaller declines.

Only moderate amounts of rain were received during the spring with temperatures generally warmer than normal. Deciduous fruit set was lighter than expected in some areas due to a lack of winterchill hours. Overall conditions were most favorable for bloom development, pollination and fruit set. Other than an occasional weather front bringing scattered showers and cooler temperatures, the warm, dry conditions continued into summer. Some wind damage was experienced in late spring. Starting in late June the interior valleys experienced one of the hottest summer seasons on record. The heat wave began June 22nd, lasting through July 20th, with 19 consecutive days exceeding temperatures of 100 degrees. The greatest impact of the heat was in advancing fruit and nut maturity by about two weeks. Heat damage was generally minimal. Weather through September was generally sunny and hot with only an occasional rain shower disrupting late harvesting. October through December was abnormally cool and wet.

VEGETABLE CROPS: California's vegetable crops in 1984 again set new record highs for acreage, production, and value. The record value of production at $3.1 billion was up 3 percent from 1983. Production, at 14.4 million tons, was 7 percent above 1983 and 5 percent above the previous record high. Harvested acreage for 1984, at over 980 thousand acres, was about 3 percent above last year.

Commodities showing the greatest increase in value from 1983 were strawberries, processing tomatoes, cauliflower, fresh market tomatoes, broccoli, and carrots. These gains were partially offset by decreased values for lettuce and celery. New record highs were posted in 1984 for values of broccoli, cantaloup, carrots, cauliflower, dry onions, strawberries, and fresh market tomatoes.

Production of broccoli, carrots, cauliflower, celery, dry onions, strawberries, and processing tomatoes showed an increase from 1983 with the broccoli, carrot, cauliflower, and strawberry crops setting production as well as value records.

Season average prices for cantaloup, carrots, and cauliflower were higher in 1984 than in 1983. Average prices of all other major vegetable crops were lower than the previous year. Average value of production per acre was $3,175 compared to $3,115 in 1983, thus showing the continued shift to higher value crops.

LIVESTOCK AND DAIRY: Cattle and calves totaled 4.96 million head on California farms and ranches January 1, 1985. The beef cow inventory increased slightly, however, beef cow replacements were down from last year. Dairy cow numbers at 974,000 continued to increase for the 8th year in a row and producers kept the dairy replacement heifer inventory at record high levels.

Sheep and lamb inventories at 1,065,000 were four percent lower than a year earlier. Both the stock sheep inventory and the number of sheep and lambs on feed for slaughter market were lower than last year.

The December 1, 1984 inventory of hogs and pigs at 140,000 showed a 10 percent decline from the previous year. Both breeding and market hog numbers declined.

Cash receipts from farm marketings of meat animals during 1984 totaled nearly $1.49 billion, up from last year but below 1982. Receipts from the sales of milk and cream during 1984 totaled $1.99 billion, up 2 percent from 1983.

POULTRY: California's egg production totaled 8.325 billion eggs during 1984 an increase of 10 percent from 1983. Eggs per layer decreased slightly, however, the number of layers during 1984 was larger. Broiler and fryer production at 175.5 million birds was up 2 percent from the previous year.

Cash receipts from farm marketing of chicken eggs in 1984 were $409 million, broilers $297 million, and turkeys $178 million.

CALIFORNIA FIRSTS

Some 200 crops are recognized in California, including seeds, flowers, and ornamentals. This report contains information for 58 major crops grown on a large commercial scale in California -- 13 field crops, 22 fruits and nuts, 21 vegetables, nursery products and cut flowers. In addition, data are shown for 9 livestock and poultry products.

The table below lists 54 commercial crop and livestock commodities in which California leads the Nation. A large number are specialty crops in which the Golden State accounts for most of the U. S. production.

CROP AND LIVESTOCK COMMODITIES IN WHICH CALIFORNIA LEADS THE NATION

Alfalfa Seed
Almonds
Apricots
Artichokes
Asparagus
Avocados
Broccoli
Brussels Sprouts
Cantaloups
Carrots
Casaba Melons
Cauliflower
Celery
Chinchillas

Crenshaw Melons
Cut Flowers
Dates
Eggs
Figs
Garlic
Green Lima Beans
Grapes
Honey
Honeydew Melons
Jojoba
Kiwifruit
Ladino Clover Seed
Lemons

Lettuce
Nectarines
Nursery Products
Olives
Onions
Oriental Vegetables
Peaches
Pears, Bartlett
Persian Melons
Persimmons
Pigeons & Squabs
Pistachios
Plums
Pomegranates

Potted Plants
Prunes
Rabbits
Safflower
Spinach
Strawberries
Sudan grass
Sugar beets
Tomatoes, Processing
Vegetable & flower seeds
Walnuts
Worms

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1984

Commodity	National Ranking a/	California's Share of U.S. Production	Harvested Acreage	Production a/	Value b/	Rank Among All California Commodities b/		Harvest Season	Leading Counties a/
				Short Tons		1984	1983		
	Number	Percent	000 Acres	000 Tons	$1,000	- Number -			
Alfalfa Seed	1	49.6 c/	81.0	27.7	58,814	39	41	Aug. 15-Oct. 15	Fresno, Kings, Imperial, Kern
Almonds (Shelled)	1	100.0 c/	379.5	290.0	470,270	9	14	Aug. 15-Oct. 30	Kern, Stanislaus, Merced, Butte, Fresno
Apples	6	5.7	23.3	235.0	69,700	36	38	July 15-Oct. 30	Santa Cruz, Sonoma, Kern, San Joaquin, El Dorado
Apricots	1	96.7	22.0	123.0	33,595	46	47	June 1-July 25	Stanislaus, San Joaquin, San Benito, Merced, Contra Costa
Asparagus	1	b/	34.2	42.8	59,796	38	39	Feb. 15-June 30	San Joaquin, Monterey, Riverside
Avocados	1	90.1	72.9	246.0	91,020	33	32	Nov. 1-Oct. 31	San Diego, Ventura, Riverside, Santa Barbara, Orange
Barley	7	4.9	460.0	695.5	85,491	35	33	May 15-Oct. 1	Siskiyou, Fresno, San Luis Obispo, Kings, Modoc
Beans, Dry	3	14.9	184.0	155.0	90,801	34	35	Aug. 20-Nov. 15	Stanislaus, San Joaquin, Sutter, Fresno, Tulare
Broccoli	1	91.8	88.9	476.7	219,951	18	16	Continuous	Monterey, Santa Barbara, Imperial, San Luis Obispo, Ventura
Bushberries									
Boysenberries	b/	42.9 c/	0.6	2.0	2,005	65	66	June 1-June 30	Fresno, Stanislaus,
Olallieberries	b/	b/	0.2	0.8	1,290	66	68	June 1-Aug. 30	Santa Cruz, Monterey
Raspberries	b/	6.6 c/	0.3	1.1	3,962	63	64	June 1-July 31	Santa Cruz, Monterey
Carrots	1	52.3	41.3	591.4	144,694	25	24	Continuous	------
Desert	--	--	11.2	153.2	41,758	--	--	Continuous	Imperial, Riverside
Other	--	--	30.1	438.2	102,936	--	--	Continuous	Kern, Monterey, Santa Barbara, San Luis Obispo, Fresno
Cauliflower	1	72.2	42.7	233.8	136,323	27	27	Continuous	Monterey, Santa Barbara, Ventura, Imperial, San Luis Obispo

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1984 (cont'd)

Commodity	National Ranking a/	California's Share of U.S. Production	Harvested Acreage	Production a/	Value b/	Rank Among All California Commodities b/		Harvest Season	Leading Counties a/
				Short Tons		1984	1983		
	Number	Percent	000 Acres	000 Tons	$1,000	- Number -			
Celery	1	71.7	24.1	738.0	179,615	20	18	------	------
Central Coast	--	--	9.9	285.2	46,746	--	--	Continuous	Monterey, Santa Barbara, San Luis Obispo
South Coast	--	--	14.2	452.8	132,869	--	--	Continuous	Ventura, Orange, San Diego
Cherries, Sweet	2	20.5	10.4	37.2	25,569	51	53	May 20-June 25	San Joaquin, Santa Clara, Stanislaus, San Benito, Contra Costa
Corn for Grain	22	0.7	375.0	1,428.0	170,850	22	23	Sep. 1-Dec. 1	San Joaquin, Sacramento, Solano, Yolo, Colusa
Corn, Sweet	9	2.3	14.2	76.1	22,201	52	51	May 1-Dec. 10	Riverside, Orange, Los Angeles
Cotton	2	--	---	---	1,064,151	3	4	------	Fresno, Kern, Kings, Tulare, Imperial
Lint	2	22.7	1,400.0	699.1	920,042	--	--	Oct. 1-Jan. 1	------
Seed	2	23.5	---	1,211.0	144,109	--	--	------	------
Dates	1	99.6 c/	4.3	22.5	18,360	55	58	Oct. 1-Dec. 15	Riverside, Imperial
Figs	1	99.9 c/	13.0	35.4	10,132	60	60	June 10-Sep. 15	Fresno, Madera, Merced
Flowers & Foliage d/e/	1	28.6 c/	--	--	524,371	8	8	Continuous	San Mateo, San Diego Monterey, Santa Cruz, Santa Barbara
Grapefruit	2	12.2	21.9	237.6	30,652	47	49	------	Riverside, San Diego, San Bernardino, Kern, Imperial
Desert	--	--	10.3	106.9	13,388	--	--	Nov. 15-June 10	------
Other	--	--	11.6	130.7	17,264	--	--	Mar. 20-Oct. 25	------
Grapes	1	89.8	670.8	4,640.0	847,902	4	3	------	------
Raisin Type	--	--	281.0	2,265.0	321,877	--	--	July 25-Oct. 20	Fresno, Tulare, Kern, Madera, Kings
Table Type	--	--	76.2	475.0	144,250	--	--	May 25-Nov. 5	Riverside, Tulare, Kern, Fresno, San Joaquin
Wine Type	--	--	313.6	1,900.0	381,775	--	--	Sep. 5-Oct. 30	Napa, Sonoma, Monterey, Fresno, San Joaquin

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1984 (cont'd)

Commodity	National Ranking a/	California's Share of U.S. Production	Harvested Acreage	Production a/	Value b/	Rank Among All California Commodities b/ 1984	1983	Harvest Season	Leading Counties a/
	Number	Percent	000 Acres	Short Tons 000 Tons	$1,000	- Number -			
Hay	4	5.2	1,530.0	7,854.0	651,882	6	5	Mar. 1-Nov. 5	Imperial, Tulare, Fresno, Kern, Merced
Hops	4	0.4	0.1	0.1	516	68	65	Aug. 15-Sep. 30	Sacramento
Kiwifruit	1	100.0 c/	3.7	18.0	17,729	56	54	Sep. 15-Dec. 28	Butte, Tulare, Kern, Yuba, Kings
Lemons	1	81.2	51.4	655.5	96,158	32	34	Continuous	Ventura, Riverside, Tulare, San Diego, Santa Barbara
Lettuce	1	71.3	150.2	2,296.9	540,490	7	7	Continuous	Monterey, Imperial, Fresno, San Luis Obispo, Kern
Melons									
Cantaloup	1	b/	65.4	457.8	125,437	28	26	May 15-Nov. 30	Fresno, Imperial, Merced, Riverside
Honeydew	1	69.1	16.3	138.6	36,300	45	45	June 10-Oct. 31	Yolo, Fresno, Stanislaus, Imperial, Sutter
Persian	1	b/	0.4	2.8	1,081	67	67	June 25-Oct. 31	Stanislaus, Sutter
Mushrooms, All	2	19.0	0.6	54.3	106,967	30	30	Continuous	Monterey, Santa Clara, Santa Cruz, Orange
Nectarines	1	96.7 c/	22.9	183.0	41,692	44	37	June 15-Aug. 10	Fresno, Tulare, Kern, Kings, Madera
Nursery Products d/f/	1	27.6 c/	--	---	720,149	5	6	Continuous	Los Angeles, Orange, Kern San Diego, Ventura
Oats	19	0.7	50.0	55.2	7,590	62	61	June 15-Oct. 1	Siskiyou, Riverside, San Joaquin, Sonoma, San Luis Obispo
Olives	1	99.9 c/	33.9	91.7	48,315	42	44	Oct. 1-Feb. 15	Tulare, Kern, Madera, Tehama, Glenn
Onions	1	30.2	34.6	627.7	111,623	29	29	Apr. 1-Oct. 31	Fresno, Kern, Imperial, Riverside
Oranges	2	28.5	177.5	1,811.3	401,919	12	11	------	Tulare, Fresno, Riverside, Kern, Ventura
Navel & Misc.	--	--	109.5	1,248.8	185,944	--	--	Nov. 10-May 15	Tulare, Fresno, Kern, Riverside, San Bernardino

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1984 (cont'd)

Commodity	National Ranking a/	California's Share of U.S. Production	Harvested Acreage	Production a/	Value b/	Rank Among All California Commodities b/		Harvest Season	Leading Counties a/
				Short Tons		1984	1983		
	Number	Percent	000 Acres	000 Tons	$1,000	- Number -			
Oranges (cont.)									
Valencia	--	--	68.0	562.5	216,075	--	--	May 10-Oct. 10	Tulare, Ventura, Riverside, San Diego, Orange
Peaches	1	56.2	54.5	743.5	140,534	26	28	------	Fresno, Stanislaus, Tulare, Sutter, Merced
Clingstone	--	--	28.7	521.0	96,600	--	--	July 15-Sep. 15	Stanislaus, Sutter, Yuba, Merced, San Joaquin
Freestone	--	--	25.8	222.5	43,934	--	--	May 10-Sep. 25	Fresno, Tulare, Kern, Kings, Merced
Pears	1	43.8	25.7	313.0	49,813	41	42	Aug. 1-Oct. 5	Lake, Sacramento, Mendocino, Yuba, Solano
Peppers, Chili	h/	h/	3.9	10.1	11,451	59	59	Sep. 15-Dec. 15	Monterey, Santa Barbara, Fresno, Kings
Pistachios	1	99.9 c/	30.6	31.0	59,910	37	43	Sep. 15-Dec. 10	Kern, Madera, Kings, Merced, Tulare
Plums	1	91.5 c/	34.2	225.0	47,796	43	36	May 25-Aug. 30	Tulare, Fresno, Kern, Kings, Placer
Pomegranates	1	100.0 c/	3.5	17.0	3,254	64	63	Sep. 15-Nov. 15	Tulare, Fresno, Kings, Madera
Potatoes	3	6.3	60.4	1,138.4	241,683	16	17	Continuous	------
Winter	1	55.2	5.6	72.8	13,468	--	--	Nov. 20-Apr. 20	Riverside, Kern
Spring	1	46.7	28.5	555.8	133,380	--	--	Apr. 15-Aug. 15	Kern
Summer	1	12.7	8.1	145.8	35,867	--	--	June 15-Aug. 25	Riverside, San Joaquin
Fall	10	2.0	18.2	364.0	58,968	--	--	July 15-Oct. 15	Siskiyou, Modoc, Monterey
Prunes, Dried Basis	1	100.0	66.5	140.0	102,860	31	31	Aug. 15-Oct. 10	Sutter, Yuba, Butte, Tehama, Glenn
Rice	2	22.1	430.0	1,514.2	249,229 1/	15	19	Sep. 1-Nov. 30	Colusa, Butte, Sutter, Glenn
Safflower	1	75.9 c/	109.0	110.0	28,380	48	55	July 1-Sep. 15	Kings, Yolo, Fresno
Sorghum Grain	17	0.5	48.0	110.2	11,690	58	57	Sep. 15-Nov. 25	Sutter, Tulare, Kern, Sacramento, Yolo

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1984 (cont'd)

Commodity	National Ranking a/	California's Share of U.S. Production	Harvested Acreage	Production a/	Value b/	Rank Among All California Commodities b/		Harvest Season	Leading Counties a/
				Short Tons		1984	1983		
	Number	Percent	000 Acres	000 Tons	$1,000	- Number -			
Strawberries	1	76.2	13.3	375.8	317,453	13	12	Feb. 20-Nov. 15	Monterey, Orange, Ventura
Fresh Market	1	79.1	--	294.0	288,653	--	--	------	------
Processing	1	67.4	--	81.8	28,794	--	--	------	------
Sugar Beets	1	23.2	208.0	5,138.0	206,548 b/	19	20	Apr. 1-Dec. 10	Imperial, San Joaquin, Solano, Fresno, Merced
Sweetpotatoes	3	12.5	9.0	81.0	22,032	53	50	July 15-Nov. 15	Merced, Fresno
Tangerines, Tangelos, & Tangors	2	38.5	8.8	1.9	13,617	57	56	Nov. 1-Mar. 31	Riverside, Tulare, Kern, San Diego, Imperial
Tomatoes	1	76.7	269.1	6,901.8	584,650	--	--	------	------
Fresh Market	2	23.5	29.4	310.1	157,505	24	21	Apr. 15-Dec. 31	San Joaquin, Fresno, Merced
Processing	1	89.9	239.7	6,591,750.0	427,145	10	9	June 20-Nov. 10	Fresno, Yolo, San Joaquin Sutter, Colusa
Vegetables, Misc. k/	--	--	165.0	1,327.0	544,000	--	--	------	------
Walnuts	1	99.2 c/	178.0	213.0	150,602	23	25	Sep. 25-Oct. 30	San Joaquin, Stanislaus, Tulare, Butte, Sutter
Wheat	15	2.4	784.0	1,855.2	223,242	17	15	May 20-Sep. 1	Imperial, Fresno, Sutter, Yolo, Kern

CALIFORNIA'S AGRICULTURAL COMMODITIES: Commodity Ranking, Acreage, Production, Value, and Leading Producing Counties, 1984 (cont'd)

Commodity	National Ranking	California's Share of U.S. Production	Production a/	Value b/	Rank Among All California Commodities b/		Leading Counties a/
					1984	1983	
	Number	Percent	1,000 Pounds	$1,000	- Number -		
Cattle and Calves	7	4.8	2,629,500	1,416,141	2	2	Imperial, Fresno, Tulare, Merced, Stanislaus
Chickens	8	4.9	910,824	304,989	14	13	Stanislaus, Merced, San Bernardino, Los Angeles, San Joaquin
Broilers and Fryers	9	4.7	824,704	296,894	--	--	------
Other	3	8.0	86,120	8,095	--	--	------
Eggs, Chicken	1	12.2	8,325 g/	408,821	11	10	Riverside, San Diego, San Bernardino, Stanislaus, San Joaquin
Hogs and Pigs	30	0.2	53,872	26,811	50	46	Tulare, Merced, Stanislaus, Butte, Fresno
Apiary							
Pollination d/	h/	--	31,547	27,856	49	48	Fresno, Kern, Stanislaus, Merced, Kings
Honey & Beeswax d/	h/	16.6 c/	---	19,625	54	52	Tulare, Kings, Imperial, Fresno, Kern
Milk and Cream	2	11.4	15,212	1,986,376	1	1	San Bernardino, Tulare, Stanislaus, Merced Riverside
Sheep and Lambs	2	9.9	93,344	51,209	40	40	Kern, Imperial, Solano, Tehama, Merced,
Turkeys	3	12.5	424,195	178,162	21	22	Fresno, Madera, Merced, Stanislaus, Kings
Wool	2	10.0	9,382	7,599	61	62	Kern, Imperial, Tehama, Merced, Fresno

a/ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.
b/ Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.
c/ Share of U.S. production based on 1982 Census of Agriculture.
d/ Extracted from Agricultural Commissioners' Annual Crop Reports.
e/ Includes cut flowers, potted plants, foliage plants, bedding plants, and indoor decoratives.
f/ Includes trees, shrubs, vines, bulbs, turf, and cut Christmas trees, etc., not included in flowers and foliage category.
g/ Millions of eggs.
h/ Not available.
i/ The 1984 price and value are based on U.S. average price.
j/ Value of production based on 1983 price.
k/ Miscellaneous vegetables cover a number of other vegetable crops not published separately. Some of the crops included in this group are green onions, Oriental vegetables, parsley, pumpkins, radishes, squash, etc.

STATE COMMODITY RANKING: California's "Top Twenty" crop and livestock commodities account for about 78 percent of the State's gross farm income. In 1984, dairy products, cattle and calves, and eggs continued to dominate the livestock industry, while cotton, grapes, nursery products, hay, lettuce, and flowers and foliage were the most important crops.

California agriculture is considered one of the most diversified in the world, with no one crop dominating the State's farm economy. This is illustrated by the fact that most crops individually account for less than 2 percent of the State's total gross farm income. California leads the Nation by a wide margin in the production of fruits and nuts and vegetables. California accounts for 50 percent of the Nation's cash receipts for fruits and nuts, while for vegetables, its share is about 49 percent.

RANKING AND VALUE, 20 LEADING FARM PRODUCTS, CALIFORNIA, 1983-84

Farm Product	Commodity Ranking		Value a/		Percentage of State Total	
	1983	1984	1983	1984	1983	1984
	- Number -		- 1,000 Dollars -		- Percent -	
Milk and Cream	1	1	1,944,762	1,986,376	14.8	13.6
Cattle and Calves	2	2	1,325,141	1,416,141	10.1	9.7
Cotton	4	3	822,087	1,064,151	6.3	7.3
Grapes	3	4	947,894	847,902	7.2	5.8
Nursery Products	6	5	547,438	720,149	4.2	4.9
Hay	5	6	665,356	651,882	5.1	4.5
Lettuce	7	7	541,803	540,490	4.1	3.7
Flowers and Foliage	8	8	470,021	524,371	3.6	3.6
Almonds	14	9	231,920	470,270	1.8	3.2
Tomatoes, Processing	9	10	392,422	427,145	3.0	2.9
Eggs, Chicken	10	11	371,417	408,821	2.8	2.8
Oranges	11	12	316,699	401,919	2.4	2.8
Strawberries	12	13	279,283	317,453	2.1	2.2
Chickens	13	14	258,018	304,989	2.0	2.1
Rice	19	15	160,699	249,229	1.2	1.7
Potatoes	17	16	183,231	241,683	1.4	1.7
Wheat	15	17	187,916	223,242	1.4	1.5
Broccoli	16	18	183,810	219,951	1.4	1.5
Sugar Beets	20	19	158,308	206,548	1.2	1.4
Celery	18	20	162,376	179,615	1.2	1.2

a/ Based on value of quantity harvested for crops and on value of quantity marketed for livestock and poultry products.

PRINCIPAL GROUPINGS: The combined acreage of principal crops in 1984 totaled 8.8 million acres, 13 percent above the acres harvested in 1983. The largest gain occurred in field crops (19 percent) while both fruit and nut crops, and vegetable and melon crops increased by 3 percent. California's harvested farm production in 1984 was 50.9 million tons, up 9 percent from 1983's 46.6 million tons.

ACREAGE AND PRODUCTION BY PRINCIPAL GROUPINGS FOR CALIFORNIA, 1982-84

	Field Crops	Fruit and Nut Crops	Vegetables and Melons	Total
	Acres			
Acreage Harvested				
1982	6,283,900	1,817,366	941,847	9,043,113
1983	4,971,000	1,855,445	952,706	7,779,151
1984	5,919,000	1,906,590	980,471	8,806,061
	Short Tons			
Production				
1982	26,036,900	11,312,100	13,749,400	51,098,400
1983	21,901,000	11,198,600	13,459,600	46,559,200
1984	26,114,000	10,328,700	14,424,650	50,867,350

NUMBER OF FARMS AND LAND VALUES: California, which is the second largest State in the conterminous United States with a land area of 100.2 million acres, had an estimated 33.0 million acres in farms in 1984. California farmers produced about 10 percent of the national gross cash receipts from farming in 1984. This production was realized from 78,000 farms, or 3 percent of the Nation's total (based on the definition of places with annual sales of agricultural products of $1,000 or more).

The average California farm had 423 acres as estimated in 1984. At that time, the estimated value (including buildings) was $1,918 per acre. This value has declined in 1985 to $1,726 per acre. Nationally the average farm size was 437 acres in 1984 and the average value (including buildings) has declined from $782 to $679 per acre.

CALIFORNIA: Market value of farm real estate per acre, by region, 1976-85 a/

Land Use and Region	Year									
	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Dollars									
IRRIGATED										
Truck and Vegetables										
North & East Central	---	---	---	---	---	---	---	2,470	2,430	2,071
Central Coast	---	---	---	4,200	4,900	5,890	6,380	6,410	6,280	5,550
Sacramento Vly.	1,520	1,680	1,970	2,280	2,820	3,384	3,650	3,660	3,370	2,599
San Joaquin Vly.	1,680	1,900	2,265	2,650	3,545	4,190	4,570	4,660	4,360	3,231
So. California	---	---	---	4,200	4,670	6,180	6,600	6,800	6,900	5,167
Intensive Field Crops b/										
North & East Central	---	---	---	1,400	1,700	2,020	2,100	2,030	1,720	---
Central Coast	---	---	---	2,440	2,870	3,210	3,400	3,365	3,225	---
Sacramento Vly.	1,310	1,500	1,710	1,900	2,540	2,900	3,260	3,200	3,110	---
San Joaquin Vly.	1,440	1,630	1,860	2,260	3,010	3,590	3,920	4,140	3,770	---
So. California	---	---	---	2,400	2,880	3,580	3,700	3,640	3,670	---
Cotton										
San Joaquin Vly.	---	---	---	---	---	---	---	---	---	2,829
So. California	---	---	---	---	---	---	---	---	---	2,747
Rice										
Sacramento Vly.	---	---	---	---	---	---	---	---	---	1,824
San Joaquin Vly.	---	---	---	---	---	---	---	---	---	1,957
Extensive Field Crops c/										
North & East Central	---	---	---	1,050	1,220	1,610	1,700	1,780	1,700	1,530
Central Coast	---	---	---	1,580	2,090	2,820	3,100	2,760	2,610	2,537
Sacramento Vly.	1,080	1,210	1,460	1,660	2,210	2,570	2,850	2,700	2,730	2,255
San Joaquin Vly.	1,310	1,300	1,620	1,970	2,680	3,180	3,640	3,750	3,500	2,887
So. California	---	---	---	2,300	2,890	3,350	3,460	3,640	3,550	2,920
Pasture										
North & East Central	590	700	730	830	1,000	1,350	1,400	1,500	1,370	1,337
Central Coast	1,180	---	---	1,750	1,830	2,090	2,200	2,300	2,190	2,250
Sacramento Vly.	770	945	1,040	1,500	1,595	1,980	2,060	1,960	1,950	1,620
San Joaquin Vly.	980	1,080	1,165	1,550	1,970	2,140	2,420	2,530	2,310	2,089
So. California	---	---	---	2,000	2,330	2,410	---	---	---	2,257
NONIRRIGATED										
Cropland										
North & East Central	450	400	465	600	620	710	850	870	840	819
Central Coast	770	640	610	790	1,000	1,360	1,500	1,490	1,550	1,421
Sacramento Vly.	555	600	700	880	1,140	1,320	1,400	1,470	1,490	961
San Joaquin Vly.	570	680	800	960	1,210	1,480	1,710	1,600	1,560	1,167
So. California	---	---	---	1,800	---	---	---	---	---	1,928
Pasture										
North & East Central	370	405	400	540	580	630	700	700	630	702
Central Coast	580	---	---	680	780	940	990	1,000	1,090	950
Sacramento Vly.	420	465	530	700	810	1,050	1,120	1,030	1,070	920
San Joaquin Vly.	470	570	570	775	845	1,050	1,310	1,210	1,120	948
Rangeland d/										
North & East Central	270	255	270	300	320	400	450	460	540	408
Central Coast	350	---	---	460	570	670	700	650	690	750
Sacramento Vly.	280	250	320	430	460	500	650	660	610	650
San Joaquin Vly.	300	330	360	520	550	620	770	700	740	693

a/ See Crop Reporting districts on inside front cover.
b/ Includes land used for cotton, sugar beets, rice, etc. Rice and cotton published separate beginning 1985.
c/ Includes land used for barley, beans, corn, and sorghum. Beginning 1985 includes land used for alfalfa, wheat, barley, sugar beets, beans, and corn.
d/ Unimproved.

CALIFORNIA: Market value per acre of orchards, vineyards, and groves, by region, 1976-1985 a/

Crop & Region	Year 1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
	Dollars									
Almonds										
Sacramento Vly.	2,700	2,600	3,250	3,850	5,150	5,600	5,940	7,080	5,880	4,560
San Joaquin Vly.	3,300	3,500	4,500	5,600	8,050	8,300	8,570	7,390	6,520	5,630
English Walnuts										
Central Coast	3,100	3,200	3,200	4,300	6,200	8,200	8,500	8,330	---	---
Sacramento Vly.	2,900	2,950	3,550	4,400	5,700	7,150	8,750	7,990	7,420	5,980
San Joaquin Vly.	3,000	3,300	3,950	5,200	6,800	8,300	8,780	8,380	7,840	5,970
Apples										
Central Coast	---	---	---	7,950	8,400	8,900	9,600	---	---	---
San Joaquin Vly.	---	---	---	---	---	---	---	---	---	5,810
Apricots										
Central Coast	---	---	---	---	6,000	8,200	---	---	---	---
San Joaquin Vly.	2,850	2,950	3,350	4,350	6,300	7,450	7,270	7,340	6,990	5,080
Avocados										
San Joaquin Vly.	---	---	---	---	8,600	9,290	---	---	---	---
So. California	8,950	9,200	9,950	12,700	17,200	18,300	17,720	17,030	16,905	13,970
Nectarines										
Sacramento Vly.	---	---	---	---	---	---	8,970	8,500	7,470	6,090
Olives										
San Joaquin Vly.	---	---	---	3,800	4,250	5,400	5,800	---	---	5,230
Peaches										
Sacramento Vly.	2,150	2,250	3,000	4,050	4,850	5,600	5,940	5,590	5,480	4,840
San Joaquin Vly.	2,950	3,100	3,900	5,750	7,800	8,300	8,570	7,410	6,850	5,870
Pears										
Central Coast	3,650	3,600	---	4,850	6,000	8,000	7,700	7,440	5,100	---
Sacramento Vly.	2,900	3,050	3,050	4,200	4,750	5,620	5,280	5,350	4,735	3,300
Plums										
San Joaquin Vly.	2,850	3,350	4,450	6,000	8,300	8,900	9,770	8,770	8,030	5,940
Prunes										
Central Coast	3,500	3,650	---	5,050	5,900	7,870	8,300	8,200	8,070	---
Sacramento Vly.	2,200	2,500	2,950	3,650	4,400	5,350	5,930	5,690	5,330	4,600
San Joaquin Vly.	---	---	---	---	5,950	7,450	7,770	---	---	4,860
VINEYARDS										
Raisin Varieties										
San Joaquin Vly.	2,800	3,500	4,950	6,900	10,150	10,200	10,840	9,460	6,580	4,520
Table Varieties										
San Joaquin Vly.	2,750	3,450	4,650	6,500	9,300	9,350	9,560	9,920	7,810	5,550
Wine Varieties										
Central Coast	4,150	6,250	7,900	8,900	10,300	14,250	15,840	15,230	16,640	14,790
San Joaquin Vly.	2,500	3,200	4,200	6,400	7,900	8,250	9,770	8,060	6,380	4,680
CITRUS										
Grapefruit										
San Joaquin Vly.	---	---	---	---	6,100	6,780	---	---	---	---
So. California	---	---	---	6,200	8,500	10,500	9,870	9,560	8,900	9,840
Lemons										
San Joaquin Vly.	3,400	3,350	3,300	4,250	5,900	6,950	6,440	6,850	6,610	5,540
So. California	6,250	6,050	7,150	8,600	11,900	15,250	14,110	13,860	13,020	13,020
Navel Oranges										
San Joaquin Vly.	3,250	3,150	3,550	4,850	6,350	6,950	7,410	7,510	8,070	7,880
So. California	5,150	5,250	6,400	7,200	8,600	11,250	11,400	10,100	11,180	11,810
Valencia Oranges										
San Joaquin Vly.	3,000	2,950	3,450	4,650	6,150	6,900	7,260	7,830	7,900	8,010
So. California	4,950	4,950	6,300	7,550	9,100	11,400	12,030	11,110	11,880	11,460
Tangerines										
San Joaquin Vly.	---	---	---	---	---	6,700	6,530	6,670	7,820	---

a/ Excluding nonbearing acreage and farm buildings. See Crop Reporting districts on inside front cover.

PRICES RECEIVED FOR FIELD CROPS, CALIFORNIA

Year and Month		Wheat per cwt.	Oats per cwt.	Barley per cwt.	Sorghum Grain per cwt.	Dry Beans per cwt.	Potatoes per cwt.	All Hay per ton	Alfalfa Hay per ton	Cotton per lb.
		Dollars								
1984	January	7.27	7.00	6.88	6.79	32.70	9.40	92.00	94.00	.764
	February	7.15	7.69	7.29	---	31.80	9.75	95.00	98.00	.733
	March	6.75	6.56	7.33	6.49	31.50	9.95	90.00	93.00	.781
	April	6.75	6.34	6.42	6.25	31.10	9.45	88.00	91.00	.724
	May	6.33	6.59	6.56	6.14	37.20	9.80	94.00	96.00	.767
	June	6.45	6.59	6.71	6.49	35.20	10.60	88.00	92.00	.703
	July	5.93	7.94	6.69	6.45	34.10	14.40	74.00	75.00	.636
	August	6.05	5.97	5.52	5.20	32.20	13.70	75.00	76.00	.496
	September	6.00	6.19	5.08	5.10	32.40	10.80	77.00	77.00	.629
	October	6.38	5.81	5.50	5.32	28.70	9.35	75.00	76.00	.677
	November	6.47	6.50	5.46	5.11	29.70	8.35	84.00	85.00	.677
	December	6.18	7.19	5.58	5.50	28.00	8.40	95.00	96.00	.649
1984	Average	6.02	6.88	6.15	5.30	29.20	10.70	83.00	---	.658
1983	Average	6.73	7.03	6.77	6.55	32.00	9.20	99.50	---	.728
1982	Average	6.27	6.97	5.73	4.82	23.30	8.90	86.50	---	.669

PRICES RECEIVED FOR FRUIT CROPS, CALIFORNIA (Grower Return Basis)

Year and Month		Apples Fresh per lb.	Peaches Fresh per lb.	Pears Fresh per lb.	Navel Oranges Fr. per box	Valencia Oranges Fr. per box	Grapefruit Fresh per box	Lemons Fresh per box	Tangerines Fresh per box
		Dollars							
1984	January	.220	---	---	7.98	3.86	7.18	3.82	15.80
	February	.220	---	---	6.88	9.14	6.98	3.92	14.50
	March	.220	---	---	6.28	10.64	5.44	4.92	10.80
	April	.220	---	---	6.58	11.44	6.68	6.62	10.30
	May	---	.160	---	7.58	15.34	7.56	11.92	12.20
	June	---	.160	---	---	16.44	6.25	19.52	12.20
	July	---	.075	---	---	17.34	6.70	18.12	12.20
	August	.233	.050	.070	---	18.34	6.22	12.72	---
	September	.322	.100	.085	---	17.20	6.30	17.02	---
	October	.282	---	.088	---	20.16	7.30	13.80	---
	November	.258	---	.123	15.74	18.38	7.42	10.30	24.32
	December	.235	---	---	13.36	---	8.32	8.10	22.80
1984	Average a/	---	.110	.088	7.28	17.14	6.70	10.32	13.80
1983	Average a/	.224	.127	.105	6.24	5.86	5.46	9.36	10.80
1982	Average a/	.210	.124	.082	8.88	14.04	5.28	10.58	11.60

PRICES RECEIVED FOR LIVESTOCK AND LIVESTOCK PRODUCTS, CALIFORNIA

Year and Month		All Beef Cattle per cwt.	Cows per cwt.	Steers & Heifers per cwt.	Calves per cwt.	Lambs per cwt.	Milk Sold to Plants per cwt.	Broilers per lb.	Turkeys per lb.	Market Eggs per doz.
		Dollars								
1984	January	53.20	38.30	63.30	58.40	60.60	13.18	.370	.380	.780
	February	55.00	40.20	63.90	57.90	60.00	13.04	.370	.380	.750
	March	55.80	42.20	64.70	57.70	59.60	12.82	.370	.370	.650
	April	56.50	42.50	64.00	59.00	61.30	12.66	.380	.380	.780
	May	54.30	40.30	60.90	55.40	58.90	12.49	.350	.380	.540
	June	52.80	40.00	57.60	55.10	56.70	12.43	.350	.380	.440
	July	53.10	40.00	59.50	56.30	58.60	12.57	.350	.380	.410
	August	54.50	40.20	60.70	53.80	59.10	12.48	.340	.380	.440
	September	52.40	38.70	58.90	55.20	60.00	12.72	.310	.380	.420
	October	52.40	37.20	59.00	55.90	60.80	13.14	.350	.440	.430
	November	52.50	35.60	61.00	56.30	60.90	13.44	.390	.500	.500
	December	52.70	36.20	60.60	55.80	60.20	13.35	.350	.550	.540
1984	Average	53.80	39.40	61.00	56.30	59.70	12.85	.360	.420	.570
1983	Average	53.30	39.30	59.80	57.10	56.40	13.06	.320	.350	.526
1982	Average	54.40	39.70	61.10	55.70	54.50	13.21	.330	.390	.505

a/ Citrus and apple averages based on a marketing year; peaches and pears on a calendar year.

California's Leading Agricultural Counties a/ By Total Value of Production - 1984

Rank 1984	Rank 1983	County	Value of Production - 000 Dollars -
1	1	Fresno	1,924,105
2	2	Tulare	1,389,272
3	3	Kern	1,197,364
4	4	Monterey	1,002,778
5	5	Riverside	993,989
6	8	Merced	840,026
7	7	Stanislaus	805,206
8	6	Imperial	762,291
9	9	San Joaquin	712,318
10	12	Ventura	580,676
11	11	Kings	569,716
12	10	San Bernardino	558,533
13	13	San Diego	499,718
14	15	Madera	337,332
15	14	Santa Barbara	324,488
16	16	Los Angeles	303,425
17	18	Orange	269,815
18	19	Sutter	261,692
19	20	Sonoma	216,124
20	17	San Luis Obispo	209,153
21	22	Yolo	204,257
22	26	Butte	188,627
23	21	Sacramento	181,517
24	23	San Mateo	173,345
25	25	Santa Cruz	156,603
26	24	Siskiyou	150,549
27	28	Glenn	149,030
28	30	Colusa	140,815
29	27	Solano	140,630
30	29	Santa Clara	139,452
31	31	San Benito	106,099
32	33	Napa	84,826
33	34	Tehama	77,901
34	36	Yuba	77,291
35	32	Modoc	74,153

a/ Does not include value of timber products.

SOURCE: California Agricultural Commissioners' Annual Crop Reports.

TOP 20 STATES IN 1984 CASH FARM RECEIPTS

Rank 1984	Rank 1983	State	Cash Receipts - 000 Dollars -
1	1	California	13,772,424
2	3	Texas	9,718,454
3	2	Iowa	9,313,771
4	4	Illinois	6,816,840
5	6	Nebraska	6,571,548
6	5	Minnesota	6,083,452
7	7	Kansas	5,899,807
8	8	Wisconsin	5,230,643
9	9	Florida	4,845,146
10	12	North Carolina	4,163,435
11	19	Colorado	3,997,041
12	10	Indiana	3,989,414
13	11	Missouri	3,875,861
14	13	Ohio	3,645,120
15	14	Georgia	3,526,332
16	17	Arkansas	3,117,107
17	18	Pennsylvania	3,038,886
18	15	Washington	2,978,500
19	16	Michigan	2,793,871
20	24	South Dakota	2,726,086
		TOTAL U.S.	141,397,683

SOURCE: USDA, ERS, Economic Indicators of the Farm Sector.

CALIFORNIA: Number of Farms, Land in Farms, and Size of Farm - 1950-1984

Year	Number of Farms	Land in Farms - 000 Acres -	Average Size of Farm - Acres -
1950 a/	144,000	37,500	260
1955	124,000	39,000	316
1960	108,000	38,800	359
1965	82,000	37,800	461
1970	64,000	36,600	572
1975 b/	73,000	34,300	470
1980	81,000	33,800	417
1981	83,000	33,600	405
1982	82,000	33,400	407
1983	80,000	33,200	415
1984 c/	78,000	33,000	423

a/ Old definition of farm: Places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.

b/ New definition of farm: Places with annual sales of agricultural products of $1,000 or more.

c/ Preliminary.

1983-84 AND 1984-85 SEASON RAINFALL, WITH COMPARISONS TO NORMAL

California Stations	1983-84		1984-85		
	Precipitation July 1 to June 29	Percent of Normal	Precipitation July 1 to June 28	Percent of Normal	Normal July 1 to June 30
	Inches	Percent	Inches	Percent	Inches
NORTH COAST					
Eureka	48.50	122	35.21	89	39.76
Ukiah	44.78	125	28.00	78	35.94
Santa Rosa	21.62	73	22.47	77	29.25
Lakeport	40.73	143	21.81	76	28.52
St. Helena	28.90	84	23.15	70	33.11
CENTRAL COAST					
San Francisco AP	17.08	88	16.98	87	19.53
San Jose	13.43	102	13.07	100	13.11
Livermore	14.44	100	12.47	87	14.40
Salinas AP	8.01	57	8.80	62	14.14
King City	8.38	80	8.77	84	10.46
Paso Robles AP	8.75	71	7.80	64	12.25
SACRAMENTO VALLEY					
Red Bluff AP	22.87	104	15.99	72	22.06
Willows	20.20	114	14.15	80	17.70
Chico	26.25	101	Missing	---	26.06
Marysville	25.12	122	15.55	76	20.59
Woodland	19.06	110	16.53	96	17.28
Sacramento AP	14.36	83	10.66	62	17.22
SAN JOAQUIN VALLEY					
Stockton AP	12.43	87	10.84	76	14.17
Merced	10.36	85	8.81	73	12.12
Fresno AP	7.61	74	7.94	78	10.24
Five Points	3.89	60	Missing	---	6.53
Kettleman Station	4.84	78	3.85	62	6.24
Porterville	7.24	66	Missing	---	11.06
Bakersfield AP	5.10	89	4.04	71	5.72
SOUTH COAST					
Santa Maria AP	8.32	68	8.54	70	12.25
Santa Barbara AP	15.04	96	11.70	75	15.60
Oxnard	9.03	61	10.65	72	14.75
Los Angeles	10.42	74	11.36	81	14.06
Riverside	6.04	61	7.26	73	9.92
Corona	7.04	57	Missing	---	12.42
San Diego AP	5.71	60	9.65	102	9.45
SOUTHEASTERN INTERIOR					
Bishop AP	3.71	65	2.39	42	5.72
Lancaster	4.43	65	6.95	102	6.80
Daggett AP	4.63	99	4.08	87	4.70
Thermal AP	1.10	38	3.54	121	2.93
Blythe AP	3.39	86	6.54	165	3.96
Imperial	2.07	73	2.99	102	2.84
CASCADE-SIERRA					
Tulelake	14.76	145	9.81	96	10.21
Alturas	15.11	118	Missing	---	12.82
Mt. Shasta City	26.86	72	28.13	75	37.49
Blue Canyon AP	67.62	100	47.63	70	67.58
Yosemite Valley	29.00	79	24.81	68	36.51
Huntington Lake	46.15	142	33.90	104	32.45

SOURCE: National Weather Service Office, Sacramento, CA

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Marketing Branch	Richard E. Gessman
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YUBA	Earnie E. Vickrey	938 14th Street, Marysville, 95901	916-741-6484

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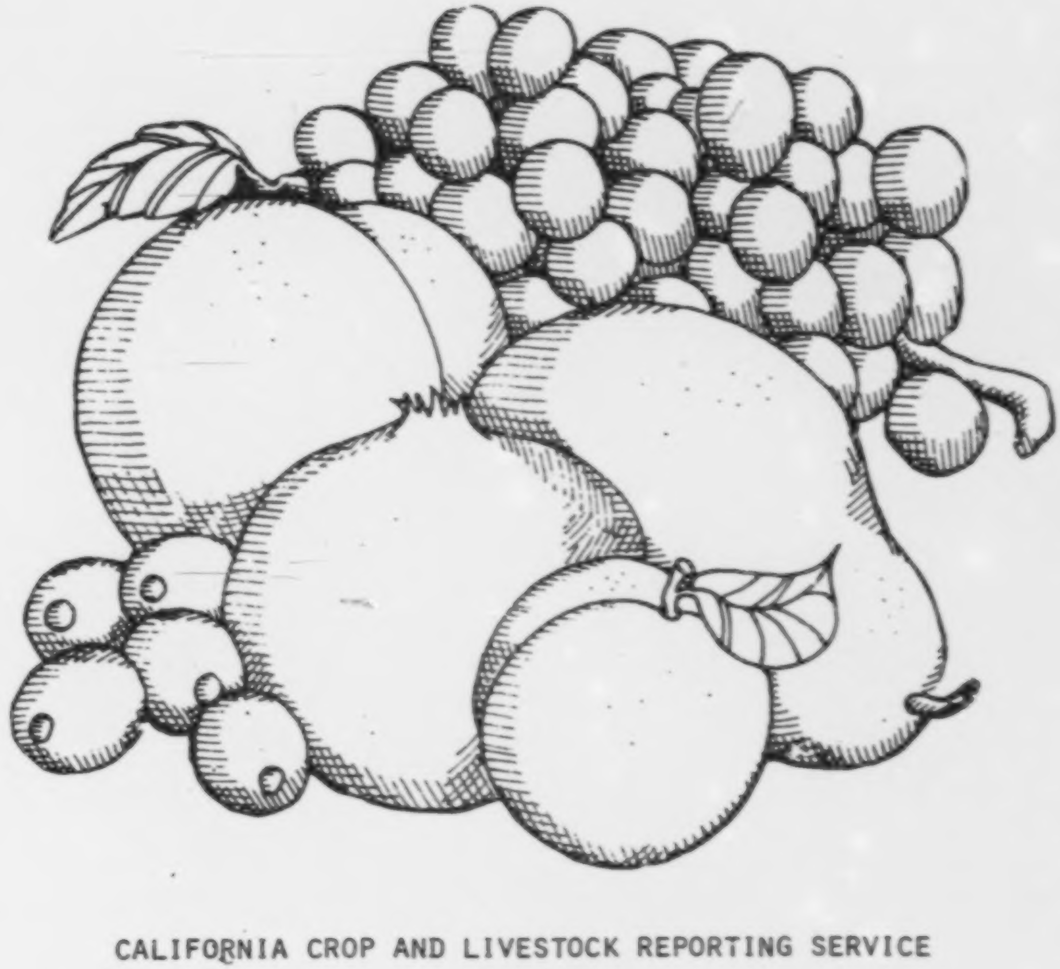
California Fruit & Nut Statistics

1973-84



CALIFORNIA CROP AND LIVESTOCK REPORTING SERVICE

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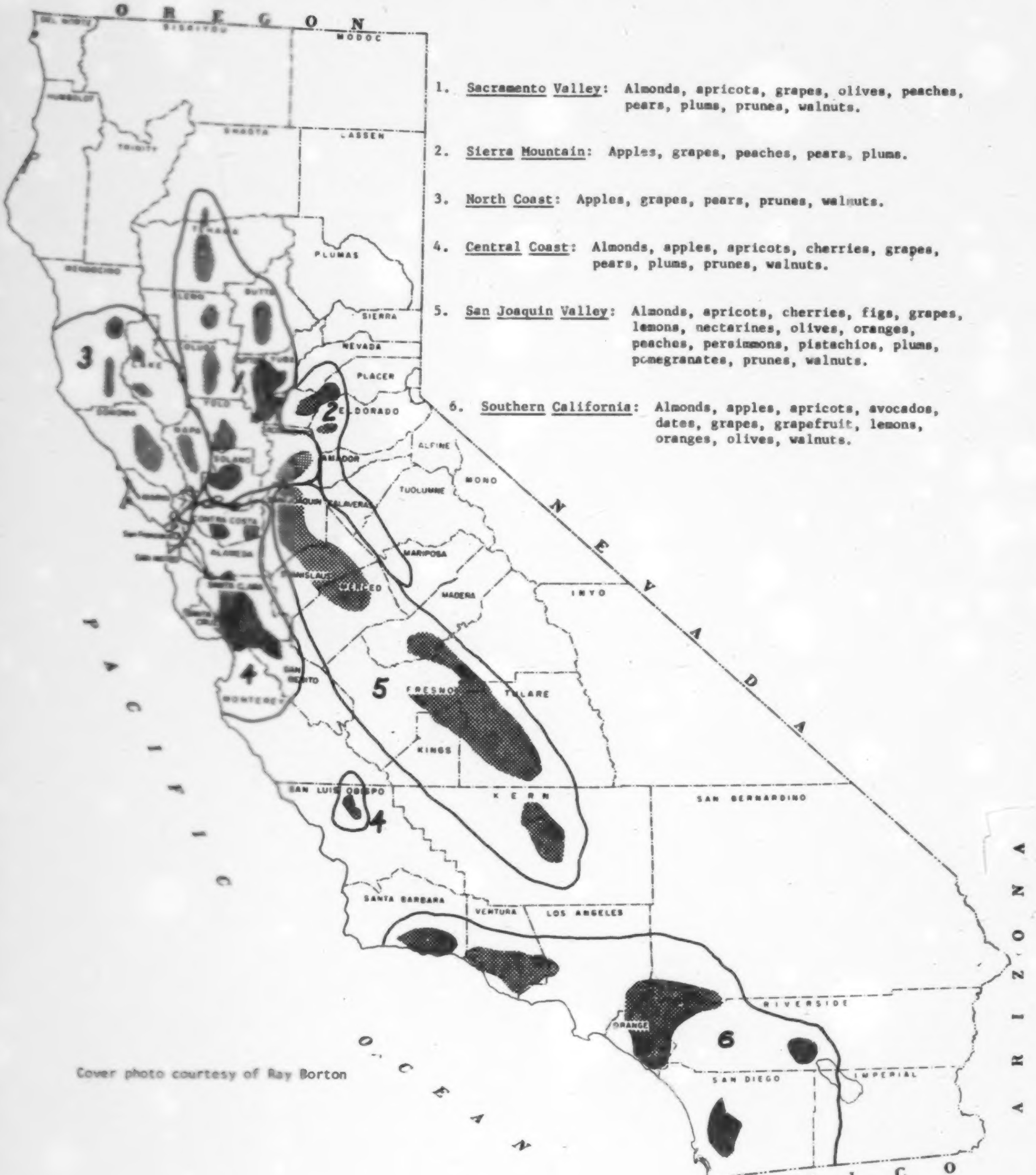
CALIFORNIA FRUIT AND NUT CROPS
Major Producing Districts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TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
NEVADA
PLACER
LAKE
COLUSA
SUTTER
YUBA
SONOMA
YOLO
NAPA
SOLANO
EL DORADO
AMADOR
ALPINE
MONO
TUOLUMNE
SAN JOAQUIN
CALAVERAS
CONTRA COSTA
ALAMEDA
MARIPOSA
STANISLAUS
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SANTA CLARA
SANTA CRUZ
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INYO
FRESNO
TULARE
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
RIVERSIDE
SAN DIEGO
IMPERIAL
NEVADA
ARIZONA
PACIFIC
OCEAN
MEXICO
1
2
3
4
4
5
6

1. Sacramento Valley: Almonds, apricots, grapes, olives, peaches, pears, plums, prunes, walnuts.

2. Sierra Mountain: Apples, grapes, peaches, pears, plums.

3. North Coast: Apples, grapes, pears, prunes, walnuts.

4. Central Coast: Almonds, apples, apricots, cherries, grapes, pears, plums, prunes, walnuts.

5. San Joaquin Valley: Almonds, apricots, cherries, figs, grapes, lemons, nectarines, olives, oranges, peaches, persimmons, pistachios, plums, pomegranates, prunes, walnuts.

6. Southern California: Almonds, apples, apricots, avocados, dates, grapes, grapefruit, lemons, oranges, olives, walnuts.

Cover photo courtesy of Ray Borton

CALIFORNIA FRUIT AND NUT STATISTICS

This bulletin contains California fruit production, utilization, and value statistics for the period 1973-1984, replacing annual publications covering the same time frame. The data presented continues the historic series published in July 1956, June 1968, April 1978, and the current May 1985 bulletin. Revisions for the years 1973-1984 have been made based on review of market order records, recorded truck and rail movement, quantities used by processors and the 1978 and 1982 Censuses of Agriculture. Estimates for 1984 are preliminary and subject to revisions after final data are received.

Explanatory "Notes for the Users" on page 1 provide general information regarding the data shown and special or unique factors pertaining to individual crop data.

Data presented in the publication are made possible by the voluntary cooperation of growers, fresh shippers, processors and other representatives of the California fruit and nut industry. Their cooperation is greatly appreciated.

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UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE

STATE OF CALIFORNIA
DEPARTMENT OF FOOD AND AGRICULTURE
AGRICULTURAL STATISTICS BRANCH

May 1985

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NOTES FOR USERS

1. PRODUCTION

Total production is the quantity actually harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested. Beginning with 1981, production estimates include quantities lost because of economic or natural reasons, while estimates of losses prior to 1981 were for economic reasons only.

Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is quantities of fruit not harvested for economic or natural reasons and harvested fruit not sold or utilized.

2. UTILIZATION

Canned: Includes all canned products; jams, jellies, baby foods, nectar, juice, puree, and all fruit packs are combined.

Dried: Tonnage published is the equivalent fresh tonnage weight for most fruits. Data are acquired that provide the dried tonnage and the estimated drying ratio. The equivalent green tonnage used for drying is derived. The following table lists the tons of green fruit required to produce one dried ton.

Commodity	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Apples	N/A	N/A	N/A	N/A	8.65	8.65	8.90	8.40	10.00	8.50	8.50	N/A
Apricots	6.00	6.00	6.00	6.30	7.75	8.30	7.30	7.00	6.90	6.88	6.88	6.40
Figs	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Raisins	4.50	4.23	4.40	4.42	4.56	4.40	4.55	5.22	4.00	5.24	4.48	4.15
Peaches, Freestone	8.00	8.00	8.00	6.00	8.40	8.70	9.20	8.00	8.50	8.70	9.00	9.00
Pears	6.00	6.00	6.22	6.69	6.73	6.20	6.20	5.40	5.00	6.00	6.00	5.90
Prunes	3.00	3.20	3.10	3.00	3.20	3.11	3.14	3.48	3.15	3.20	3.20	3.00

3. PRICE AND VALUE

a. Noncitrus Fruits and Nuts

Average grower return: The entire data series is based on the equivalent return at the first delivery point.

Price and value: These are computed on the basis of returns at the processing plant door for "processing" utilization and returns at the first delivery point for "fresh market" utilization.

b. Citrus Fruits

Price and value are based on equivalent packinghouse door returns for the entire data series.

4. CITRUS AND AVOCADO CROP YEAR

Production for the crop year is from the bloom of the first year shown.

Table 1--California All Fruits and Nuts: Total acreage, production, and value by groups, 1973-1984

Crop	Year	Bearing Acres	Production	Value of Utilized Production
			Short Tons	1,000 dollars
Deciduous Tree Fruits a/	1973	289,288	2,015,600	356,149
	1974	290,973	2,098,000	408,746
	1975	288,774	2,061,000	373,626
	1976	285,387	2,195,500	374,773
	1977	285,226	2,213,600	427,438
	1978	278,651	1,930,800	485,839
	1979	276,489	2,271,300	563,183
	1980	277,061	2,355,500	596,765 b/
	1981	267,656	2,526,700	551,293
	1982	272,136	1,900,800	500,634
	1983	266,381	1,685,000	478,779
	1984	263,685	2,032,200	411,953 c/
Grapes d/	1973	445,207	3,891,000	614,402
	1974	489,046	3,794,000	494,017
	1975	526,186	3,948,000	539,502
	1976	600,475	3,978,000	561,289
	1977	622,464	3,986,000	757,909
	1978	616,597	4,017,000	874,307
	1979	593,865	4,558,000	1,073,647
	1980	597,812	5,124,000	1,232,511
	1981	593,562	3,993,000	1,207,145
	1982	617,532	6,076,000	1,246,827
	1983	643,955	4,919,000	947,894
	1984	670,848	4,595,000	739,212
Tree Nuts e/f/	1973	371,807	251,500	304,930
	1974	394,430	270,000	235,045
	1975	414,597	291,000	208,688
	1976	427,644	325,000	298,773
	1977	454,504	350,800	408,365
	1978	492,564	251,800	473,870
	1979	528,754	404,600	778,976
	1980	533,737	371,500	712,877
	1981	529,456	436,300	547,429
	1982	547,177	429,200	612,888
	1983	564,064	333,200	395,037
	1984	587,165	531,000	N/A

Table 1—California All Fruits and Nuts: Total acreage, production, and value by groups, 1973-1984

Crop	Year	Bearing Acres	Production	Value of Utilized Production
			Short Tons	1,000 dollars
Semitropical Tree Fruits g/	1973	67,695	205,200	80,117
	1974	68,928	179,200	83,166
	1975	72,081	235,300	87,539
	1976	75,483	192,900	100,489
	1977	81,213	229,900	109,317
	1978	90,619	286,200	137,859
	1979	96,330	245,000	136,681
	1980	104,402	251,900	180,451
	1981	110,081	343,400	143,017
	1982	116,168	365,100	212,057
	1983	121,086	316,400	144,299
	1984	125,300	396,500	N/A
Citrus Fruits h/	1973	252,300	2,498,000	232,654
	1974	264,162	2,285,000	267,428
	1975	269,317	3,191,000	289,286
	1976	272,139	2,842,000	264,024
	1977	265,793	2,816,000	276,290
	1978	264,548	2,695,000	380,659
	1979	265,700	2,189,000	414,591
	1980	265,313	3,208,000	402,371
	1981	265,637	3,703,000	458,708
	1982	264,353	2,541,000	486,869
	1983	259,959	3,945,000	443,326
	1984	259,592	2,774,000	542,346
Total	1973	1,426,297	8,861,300	1,588,252
	1974	1,507,539	8,626,200	1,488,402
	1975	1,570,955	9,726,300	1,498,641
	1976	1,661,128	9,533,400	1,599,348
	1977	1,709,200	9,596,300	1,979,319
	1978	1,742,979	9,180,800	2,352,534
	1979	1,761,138	9,667,900	2,967,078
	1980	1,778,325	11,310,900	3,124,975
	1981	1,766,392	11,002,400	2,907,592
	1982	1,817,366	11,312,100	3,059,275
	1983	1,855,445	11,198,600	2,409,335
	1984	1,906,590	10,328,700	N/A

Table 2--California Noncitrus Fruits: Acreage, production price, and value, 1973-84

Crop	Year	Bearing acres	Non-bearing acres	Production		Value of utilized production		
				Total Short tons	Per bearing acre	Grower return per short ton a/	Price per short ton b/	Total Value
					Short tons	Dollars		1,000 dollars
Apples c/	1973	21,732	4,911	245,000	11.27	123.00	134.00	32,830
	1974	21,994	5,750	220,000	10.00	136.00	142.00	31,240
	1975	21,279	5,528	230,000	10.81	113.00	116.00	26,680
	1976	21,655	5,816	240,000	11.08	119.00	126.00	30,240
	1977	21,330	4,357	240,000	11.25	126.00	156.00	37,440
	1978	21,022	4,670	250,000	11.89	158.00	184.00	46,000
	1979	21,754	4,240	300,000	13.79	184.00	202.00	60,600
	1980	22,434	4,887	260,000	11.59	138.00	140.00	36,520
	1981	23,059	4,094	313,000	13.57	140.00	142.00	42,924
	1982	22,846	3,840	240,000	10.51	220.00	224.00	53,847
	1983	23,094	4,419	230,000	9.96	231.00	236.00	54,218
	1984	23,300	N/A	235,000	10.09	292.00	296.00	69,700
Apricots d/	1973	28,391	4,628	152,000	5.35	158.00	167.00	25,384
	1974	28,960	3,188	91,000	3.14	256.00	268.00	24,388
	1975	28,930	2,187	179,000	6.19	188.00	212.00	36,464
	1976	27,706	1,963	150,000	5.41	189.00	198.00	24,552
	1977	27,500	1,277	143,000	5.20	196.00	207.00	28,359
	1978	27,334	821	123,000	4.50	233.00	247.00	30,381
	1979	24,164	1,122	140,000	5.79	254.00	265.00	37,037
	1980	24,084	1,993	125,000	5.19	271.00	288.00	36,000
	1981	22,608	1,983	86,500	3.83	294.00	308.00	26,615
	1982	21,762	2,057	115,000	5.28	301.00	318.00	34,337
	1983	22,230	1,725	89,500	4.03	286.00	306.00	26,989
	1984	22,000	N/A	123,000	5.59	280.00	297.00	33,595
Avocados	1973-74	21,004	8,044	53,400	2.54	793.00	793.00	42,346
	1974-75	23,842	15,475	105,500	4.42	475.00	475.00	50,113
	1975-76	26,471	18,607	58,400	2.21	1,037.00	1,037.00	60,561
	1976-77	31,278	20,469	120,000	3.84	593.00	593.00	71,160
	1977-78	37,199	20,351	107,000	2.88	740.00	740.00	79,180
	1978-79	43,506	19,976	123,000	2.83	691.00	691.00	84,993
	1979-80	51,065	18,423	75,000	1.47	1,496.00	1,496.00	112,200
	1980-81	58,115	12,081	238,000	4.10	357.00	357.00	84,966
	1981-82	63,693	13,456	157,000	2.46	689.00	689.00	108,173
	1982-83	68,027	8,996	202,000	2.97	460.00	460.00	92,920
	1983-84	72,150	5,212	246,000	3.41	360.00	360.00	88,560

Table 2--California Noncitrus Fruits: Acreage, production, price, and value, 1973-84

Crop	Year	Bearing acres	Non-bearing Acres	Production		Value of utilized production		
				Total Short tons	Per bearing acre	Grower return per short ton	Price per short ton	Total Value
					Short tons	Dollars		1,000 dollars
Sweet Cherries e/	1973	11,931	3,338	40,000	3.35	374.00	380.00	15,200
	1974	12,467	2,718	28,000	2.25	619.00	625.00	17,500
	1975	11,782	2,198	30,500	2.59	548.00	552.00	16,836
	1976	10,599	1,488	51,000	4.81	450.00	456.00	21,295
	1977	11,170	1,359	27,000	2.42	579.00	581.00	15,687
	1978	11,315	1,282	14,000	1.24	1,008.00	1,012.00	14,168
	1979	11,172	1,577	36,500	3.27	792.00	811.00	29,616
	1980	11,331	1,897	46,000	4.06	623.00	632.00	29,094
	1981	10,797	1,642	34,250	3.17	711.00	722.00	24,731
	1982	10,712	1,551	12,300	1.15	1,331.00	1,361.00	16,737
	1983	10,620	1,070	16,800	1.58	872.00	876.00	14,717
	1984	10,400	N/A	37,200	3.58	686.00	687.00	25,569
Dates	1973	4,171	361	23,100	5.54	198.00	198.00	4,574
	1974	4,143	404	22,700	5.48	222.00	222.00	5,039
	1975	4,145	433	24,800	5.98	298.00	298.00	7,390
	1976	3,820	457	22,400	5.86	346.00	346.00	7,750
	1977	3,900	480	25,400	6.51	338.00	338.00	8,585
	1978	4,002	433	21,550	5.38	485.00	485.00	10,452
	1979	3,940	538	21,300	5.41	514.00	514.00	10,948
	1980	4,046	577	22,400	5.54	634.00	634.00	14,204
	1981	4,055	753	22,300	5.50	639.00	639.00	14,250
	1982	4,118	702	23,900	5.80	736.00	736.00	17,590
	1983	4,222	857	19,400	4.59	657.00	657.00	12,746
	1984	4,300	N/A	22,500	5.23	846.00	846.00	19,035
Figs	1973	15,267	2,520	41,600	2.72	230.00	231.00	9,610
	1974	15,236	3,300	44,600	2.93	232.00	233.00	10,392
	1975	14,998	3,756	38,000	2.53	198.00	198.00	7,524
	1976	14,379	4,372	32,100	2.23	180.00	180.00	5,778
	1977	12,959	4,309	41,500	3.20	295.00	295.00	12,243
	1978	12,205	5,278	31,600	2.59	318.00	318.00	10,049
	1979	11,972	7,547	38,720	3.23	399.00	399.00	15,444
	1980	12,998	7,978	45,450	3.50	306.00	306.00	13,910
	1981	13,611	6,733	38,200	2.81	329.00	329.00	12,579
	1982	13,348	6,478	37,700	2.82	278.00	278.00	10,499
	1983	13,699	5,917	34,000	2.48	206.00	206.00	6,992
	1984	14,150	N/A	36,000	2.54	N/A	N/A	N/A
Grapes All	1973	455,207	167,617	3,891,000	8.55	157.00	158.00	614,402
	1974	489,046	165,081	3,794,000	7.76	130.00	130.00	494,017
	1975	526,186	120,206	3,948,000	7.50	137.00	137.00	539,502
	1976 f/	600,475	57,187	3,978,000	6.62	152.00	152.00	561,289
	1977	622,464	28,579	3,986,000	6.40	189.00	190.00	757,909
	1978 g/	616,597	38,740	4,017,000	6.51	232.00	232.00	874,307
	1979	593,865	68,558	4,558,000	7.68	236.00	236.00	1,073,647
	1980	597,812	103,925	5,124,000	8.57	241.00	241.00	1,232,511
	1981	593,562	125,347	3,993,000	6.73	302.00	302.00	1,207,145
	1982 h/	617,532	120,587	6,076,000	9.84	231.00	231.00	1,246,827
	1983	643,955	105,539	4,919,000	7.64	199.00	199.00	947,894
	1984	670,848	74,229	4,595,000	6.85	161.00	161.00	739,212

Table 2--California Noncitrus Fruits: Acreage, production, price, and value, 1973-84

Crop	Year	Bearing acres	Non-bearing acres	Production		Value of utilized production		
				Total				
				Short tons	Per bearing acre	Grower return per short ton	Price per short ton	Total Value
					Short tons	Dollars		1,000 dollars
Grapes Raisin Type	1973	239,259	11,384	2,376,000	9.93	132.00	133.00	315,432
	1974	241,353	11,137	1,970,000	8.16	127.00	128.00	252,597
	1975	237,901	10,949	2,201,000	9.25	136.00	137.00	300,460
	1976 f/	243,120	7,715	2,250,000	9.25	149.00	150.00	293,476
	1977	241,059	8,224	1,935,000	8.03	182.00	183.00	353,112
	1978 g/	240,446	13,029	1,918,000	7.98	228.00	229.00	381,641
	1979	239,523	22,602	2,320,000	9.69	238.00	239.00	554,683
	1980	243,957	33,879	2,692,000	11.03	236.00	237.00	636,881
	1981	249,804	37,409	1,779,000	7.12	305.00	306.00	544,143
	1982 i/	259,543	31,972	3,062,000	11.80	217.00	218.00	574,790
	1983	273,817	22,334	2,535,000	9.26	158.00	158.00	377,868
	1984	280,995	13,721	2,240,000	7.97	116.00	116.00	258,087
Grapes Table Type	1973	66,586	6,470	475,000	7.13	174.00	174.00	82,650
	1974	66,744	6,561	586,000	8.78	131.00	131.00	76,766
	1975	63,124	5,812	434,000	6.88	218.00	218.00	94,612
	1976	64,709	3,929	405,000	6.26	217.00	217.00	87,885
	1977	63,487	3,731	488,000	7.69	269.00	269.00	131,272
	1978	62,497	5,931	393,000	6.29	342.00	342.00	134,406
	1979	61,839	9,251	417,000	6.74	310.00	310.00	129,270
	1980	63,085	12,897	428,000	6.78	410.00	410.00	175,364
	1981	63,711	16,820	420,000	6.59	440.00	440.00	184,970
	1982 j/	67,399	17,264	612,000	9.08	344.00	344.00	203,613
	1983	71,422	19,346	504,000	7.06	351.00	351.00	176,734
	1984	76,227	16,133	465,000	6.10	304.00	304.00	141,300
Grapes Wine Type	1973	149,362	149,763	1,040,000	6.96	208.00	208.00	216,320
	1974	180,949	147,383	1,238,000	6.84	133.00	133.00	164,654
	1975	225,161	103,445	1,313,000	5.83	110.00	110.00	144,430
	1976	292,646	45,543	1,323,000	4.52	136.00	136.00	179,928
	1977	317,918	16,624	1,563,000	4.92	175.00	175.00	273,525
	1978	313,654	19,780	1,706,000	5.44	210.00	210.00	358,260
	1979	292,503	36,705	1,821,000	6.23	214.00	214.00	389,694
	1980	290,770	57,149	2,004,000	6.89	210.00	210.00	420,266
	1981	280,047	71,118	1,794,000	6.41	266.00	266.00	478,032
	1982 k/	290,590	71,351	2,402,000	8.27	218.00	218.00	468,424
	1983	298,716	63,859	1,880,000	6.29	209.00	209.00	393,292
	1984	313,626	44,375	1,890,000	6.03	180.00	180.00	339,825
Kiwifruit l/	1980	1,624	3,400	5,300	3.26	2,400.00	2,400.00	10,080
	1981	2,957	2,829	6,900	2.33	2,000.00	2,000.00	11,000
	1982	3,386	2,809	15,500	4.58	920.00	920.00	10,580
	1983	3,084	2,192	13,500	4.38	1,235.00	1,235.00	14,203
	1984	3,650	N/A	15,500	4.25	N/A	N/A	N/A
Nectarines	1973	10,822	5,356	86,500	7.99	255.00	255.00	22,058
	1974	11,018	5,647	117,000	10.60	228.00	228.00	26,676
	1975	12,131	6,099	111,000	9.15	275.00	275.00	30,525
	1976	13,409	6,929	128,000	9.55	245.00	245.00	31,360
	1977	14,681	8,652	155,000	10.60	205.00	205.00	31,775
	1978	14,801	10,196	148,000	10.00	307.00	307.00	45,436
	1979	16,237	9,372	172,000	10.60	197.00	197.00	33,884
	1980	18,367	9,041	191,000	10.40	231.00	231.00	44,045
	1981	20,993	7,395	182,000	8.67	229.00	229.00	41,610
	1982	22,228	2,384	178,000	8.01	249.00	249.00	44,254
	1983	22,292	4,393	185,000	8.30	299.00	299.00	55,374
	1984	22,900	N/A	183,000	7.99	228.00	228.00	41,692

Table 2—California Noncitrus Fruits: Acreage, production, price, and value, 1973-84

Crop	Year	Bearing acres	Non-bearing acres	Production		Value of utilized production		
				Total Short tons	Per bearing acre	Grower return per short ton	Price per short ton	Total Value
					Short tons	Dollars		1,000 dollars
Olives	1973	28,647	14,117	70,000	2.44	383.00	392.00	27,440
	1974	28,545	13,862	58,500	2.05	425.00	434.00	25,389
	1975	29,096	13,392	67,000	2.30	327.00	336.00	22,512
	1976	30,813	12,205	80,000	2.60	321.00	330.00	26,400
	1977	33,076	7,054	43,000	1.30	395.00	403.00	17,329
	1978	37,213	1,882	126,000	3.39	294.00	303.00	38,178
	1979	36,912	1,665	62,000	1.68	399.00	408.00	25,296
	1980	36,293	1,512	109,000	3.00	359.00	368.00	40,137
	1981	34,300	1,223	44,900	1.31	685.00	695.00	31,222
	1982	35,009	650	146,500	4.18	514.00	517.00	75,795
	1983	35,138	520	61,000	1.74	519.00	519.00	31,641
	1984	34,700	N/A	92,000	2.65	494.00	494.00	45,410
Peaches All m/	1973	70,409	18,864	857,000	12.17	104.00	117.00	90,692
	1974	72,856	16,139	1,038,000	14.25	136.00	155.00	149,084
	1975	73,141	15,597	925,500	12.65	130.00	148.00	123,770
	1976	72,797	16,052	981,000	13.48	123.00	141.00	116,722
	1977	68,488	17,472	988,000	14.43	130.00	150.00	139,162
	1978	62,196	18,499	812,000	13.06	159.00	180.00	135,220
	1979	60,491	16,298	934,000	15.44	168.00	188.00	167,602
	1980	61,485	14,959	985,500	16.03	167.00	190.00	177,032
	1981	56,440	13,161	818,000	14.49	197.00	218.00	168,638
	1982	58,228	9,695	758,500	13.03	177.00	192.00	130,681
	1983	53,984	13,606	559,000	10.36	184.00	199.00	104,751
	1984	51,600	N/A	743,500	14.41	183.00	199.00	140,534
Peaches Clingstone m/	1973	49,457	13,423	647,000	13.08	97.00	112.00	63,392
	1974	51,605	10,537	804,000	15.58	132.00	154.00	112,112
	1975	51,874	8,919	725,000	13.98	130.00	150.00	95,700
	1976	51,125	8,519	749,000	14.65	116.00	138.00	82,386
	1977	45,960	9,566	754,000	16.41	117.00	140.00	97,510
	1978	41,600	9,683	615,000	14.78	137.00	162.00	89,910
	1979	39,735	8,414	700,000	17.62	156.00	178.00	116,590
	1980	39,248	7,070	747,500	19.05	160.00	188.00	129,908
	1981	33,281	6,510	601,000	18.06	182.00	208.00	115,072
	1982	34,294	5,964	551,000	16.07	164.00	184.00	86,820
	1983	29,945	6,013	341,500	11.40	160.00	180.00	55,710
	1984	27,800	N/A	521,000	18.74	180.00	200.00	96,600
Peaches Freestone	1973	20,952	5,441	210,000	10.02	121.00	130.00	27,300
	1974	21,251	5,602	234,000	11.01	147.00	158.00	36,972
	1975	21,267	6,678	200,500	9.43	131.00	140.00	28,070
	1976	21,672	7,533	232,000	10.71	141.00	148.00	34,336
	1977	22,528	7,906	234,000	10.39	170.00	178.00	41,652
	1978	20,596	8,816	197,000	9.57	222.00	229.00	45,310
	1979	20,756	7,884	234,000	11.27	204.00	218.00	51,012
	1980	22,237	7,889	238,000	10.70	191.00	198.00	47,124
	1981	23,159	6,651	217,000	9.37	240.00	247.00	53,566
	1982	23,934	3,731	207,500	8.67	207.00	211.00	43,861
	1983	24,039	7,593	217,500	9.05	218.00	225.00	49,041
	1984	23,800	N/A	222,500	9.35	191.00	197.00	43,934

Table 2--California Noncitrus Fruits: Acreage, production, price, and value, 1973-84

Crop	Year	Bearing acres	Non-bearing acres	Production		Value of utilized production		
				Total				
				Short tons	Per bearing acre	Grower return per short ton	Price per short ton	Total Value
					Short tons	Dollars		1,000 dollars
Pears All n/	1973	37,318	5,149	327,300	8.77	118.00	132.00	43,152
	1974	37,791	4,727	310,900	8.23	163.00	183.00	56,830
	1975	37,496	4,116	303,350	8.09	122.00	144.00	43,627
	1976	37,658	3,137	373,500	9.92	104.00	125.00	44,038
	1977	37,845	3,256	334,600	8.84	117.00	135.00	45,103
	1978	37,944	3,036	288,300	7.60	197.00	220.00	63,568
	1979	36,749	2,259	364,800	9.93	173.00	197.00	71,973
	1980	35,590	1,709	397,700	11.17	155.00	184.00	73,296
	1981	31,272	1,728	376,000	12.02	150.00	176.00	66,286
	1982	30,115	1,337	321,500	10.68	128.00	150.00	48,164
	1983	26,391	1,465	267,700	10.14	122.00	148.00	39,530
	1984	25,680	N/A	313,000	12.19	150.00	166.00	49,813
Pears Bartlett n/	1973	35,711	4,631	317,000	8.88	118.00	132.00	41,844
	1974	36,445	4,195	297,000	8.15	164.00	184.00	54,648
	1975	36,101	3,607	297,000	8.23	122.00	143.00	42,471
	1976	36,290	2,747	365,000	10.06	104.00	124.00	42,780
	1977	36,201	2,688	326,000	9.01	116.00	134.00	43,684
	1978	36,317	2,443	281,000	7.74	195.00	219.00	61,539
	1979	35,063	1,724	355,000	10.12	172.00	197.00	69,935
	1980	33,939	1,170	387,000	11.40	155.00	185.00	71,496
	1981	29,845	824	366,000	12.26	149.00	176.00	64,514
	1982	28,705	480	314,000	10.94	126.00	148.00	46,410
	1983	25,133	514	259,500	10.33	115.00	142.00	36,812
	1984	24,400	N/A	303,000	12.42	146.00	163.00	47,286
Pears Other than Bartlett	1973	1,607	518	10,300	6.41	120.00	127.00	1,308
	1974	1,346	532	13,900	10.33	144.00	157.00	2,182
	1975	1,395	509	6,350	4.55	154.00	182.00	1,156
	1976	1,368	390	8,500	6.21	136.00	148.00	1,258
	1977	1,644	568	8,600	5.23	155.00	165.00	1,419
	1978	1,627	593	7,300	4.49	256.00	278.00	2,029
	1979	1,686	535	9,800	5.81	197.00	208.00	2,038
	1980	1,651	539	10,700	6.48	149.00	159.00	1,699
	1981	1,427	904	10,000	7.01	168.00	177.00	1,772
	1982	1,410	857	7,500	5.32	220.00	234.00	1,754
	1983	1,258	951	8,200	6.52	330.00	331.00	2,718
	1984	1,280	N/A	10,000	7.81	253.00	253.00	2,527

Table 2--California Noncitrus Fruits: Acreage, production, price, and value, 1973-84

Crop	Year	Bearing acres	Non-bearing acres	Production		Value of utilized production		
				Total Short tons	Per bearing acre	Grower return per short ton	Price per short ton	Total Value
					Short tons	Dollars		1,000 dollars
Plums	1973	24,362	5,708	97,000	3.98	321.00	321.00	31,137
	1974	24,586	6,269	143,000	5.82	275.00	275.00	39,325
	1975	24,171	7,032	124,000	5.13	279.00	279.00	34,596
	1976	25,340	7,322	115,000	4.54	380.00	380.00	43,700
	1977	26,646	8,014	157,000	5.89	313.00	313.00	49,141
	1978	26,911	9,423	154,000	5.72	370.00	370.00	56,980
	1979	28,488	11,181	175,000	6.14	277.00	277.00	48,475
	1980	29,440	11,513	160,000	5.43	449.00	449.00	71,810
	1981	30,868	10,325	197,500	6.40	309.00	309.00	61,062
	1982	32,932	9,013	118,000	3.58	620.00	620.00	73,139
	1983	34,068	10,504	158,500	4.65	435.00	435.00	69,020
	1984	34,150	N/A	225,000	6.59	212.00	212.00	47,796
Pomegranates o/	1973	2,200	866	5,800	2.64	170.00	170.00	986
	1974	1,564	748	8,100	5.18	151.00	151.00	1,223
	1975	1,872	811	8,600	4.59	143.00	143.00	1,230
	1976	2,112	893	9,000	4.26	210.00	210.00	1,890
	1977	2,400	846	10,000	4.17	143.00	143.00	1,430
	1978	2,374	897	9,500	4.00	233.00	233.00	2,214
	1979	2,751	1,034	13,000	4.73	324.00	324.00	3,564
	1980	3,125	864	17,000	5.44	259.00	259.00	4,144
	1981	3,252	951	16,500	5.07	278.00	278.00	4,114
	1982	3,322	884	16,000	4.82	232.00	232.00	3,341
	1983	3,328	376	20,000	6.01	270.00	270.00	5,147
	1984	3,505	N/A	17,000	4.85	202.00	202.00	3,254
Prunes Dried Basis	1973	82,123	8,768	205,000	2.50	462,00	462.00	94,710
	1974	79,737	8,170	142,000	1.78	440.00	440.00	62,480
	1975	77,972	9,046	149,000	1.91	402.00	402.00	59,898
	1976	74,111	8,378	148,000	2.00	412.00	412.00	60,976
	1977	75,166	7,925	159,000	2.12	499.00	499.00	79,341
	1978	74,754	9,583	132,000	1.77	696.00	696.00	91,872
	1979	74,683	12,104	136,000	1.82	812.00	812.00	110,432
	1980	69,581	13,341	168,000	2.41	683.00	683.00	114,744
	1981	65,410	13,311	159,500	2.44	654.00	654.00	104,313
	1982	66,605	12,860	126,000	1.89	679.00	679.00	85,554
	1983	67,290	11,927	145,000	2.15	654.00	654.00	94,830
	1984	66,500	N/A	140,000	2.11	N/A	N/A	N/A

Table 3—California Noncitrus Fruits: Utilized production and average grower return per ton, by utilization, 1973-84

Crop	Year	Total utilized production	For Fresh Market		For Processing											
					Total		Canned		Crushed		Frozen		Dried (fresh basis)		Dried basis	
			Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return
		Short tons		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars b/		Dollars b/
Apples a/	1973	245,000	54,000	222.00	191,000	95.40	82,000	98.10	56,000	81.30	16,000	120.00	37,000	98.00	4,825	780.00
	1974	220,000	60,000	224.00	160,000	101.00	47,500	115.00	79,500	91.00	—	—	33,000	105.00	3,850	900.00
	1975	230,000	65,000	208.00	165,000	77.00	45,000	77.00	77,500	75.00	—	—	42,500	78.00	5,000	663.00
	1976	240,000	55,000	246.00	185,000	81.00	43,000	90.00	104,500	78.00	—	—	37,500	75.00	4,300	653.00
	1977	240,000	37,500	208.00	202,500	111.00	51,000	115.00	119,500	109.00	—	—	32,000	110.00	3,700	957.00
	1978	250,000	70,000	260.00	180,000	119.00	48,000	137.00	100,000	108.00	—	—	32,000	125.00	3,700	1,080.00
	1979	300,000	65,000	338.00	235,000	142.00	67,000	159.00	122,000	136.00	—	—	46,000	135.00	5,200	1,202.00
	1980	260,000	80,000	272.00	180,000	79.00	62,000	94.00	100,000	68.00	—	—	18,000	92.00	2,140	773.00
	1981	303,000	72,000	379.00	231,000	65.00	60,000	85.00	157,000	56.00	—	—	14,000	76.00	1,400	760.00
	1982	240,000	73,500	420.00	166,500	132.00	35,000	149.00	123,000	127.00	—	—	8,500	128.00	1,000	1,088.00
	1983	230,000	75,500	448.00	154,500	132.00	40,000	180.00	106,000	114.00	—	—	8,500	150.00	1,000	1,275.00
	1984	235,000	c/	c/	c/	c/	c/	c/	c/	c/	—	—	c/	c/	c/	c/
														b/		b/
Apricots	1973	152,000	6,900	370.00	145,100	147.00	118,000	129.00	—	—	8,600	136.00	18,500	280.00	3,260	1,580.00
	1974	91,000	6,200	480.00	84,800	241.00	62,200	206.00	—	—	5,600	220.00	17,000	375.00	2,640	2,400.00
	1975	172,000	7,000	425.00	165,000	191.00	122,300	152.00	—	—	14,200	146.00	28,500	381.00	4,500	2,413.00
	1976	124,000	8,600	290.00	115,400	181.00	76,000	128.00	—	—	10,100	114.00	29,300	345.00	4,650	2,172.00
	1977	137,000	8,000	330.00	129,000	188.00	79,000	148.00	—	—	10,500	150.00	39,500	282.00	5,100	2,186.00
	1978	125,000	8,500	558.00	116,500	215.00	78,000	208.00	—	—	8,500	210.00	30,000	254.00	3,900	1,950.00
	1979	140,000	7,000	370.00	133,000	248.00	84,000	238.00	—	—	10,000	222.00	39,000	275.00	5,340	2,008.00
	1980	125,000	9,500	634.00	115,500	241.00	80,500	240.00	—	—	7,900	201.00	27,100	252.00	3,600	1,897.00
	1981	86,500	9,500	524.00	77,000	265.00	43,500	250.00	—	—	8,500	272.00	25,000	286.00	3,800	1,882.00
	1982	115,000	8,000	607.00	107,000	287.00	62,000	258.00	—	—	12,000	255.00	33,000	353.00	4,800	2,427.00
	1983	89,500	6,500	615.00	83,000	261.00	43,800	242.00	—	—	11,000	258.00	28,200	291.00	4,098	2,002.00
	1984	113,000	12,200	465.00	100,800	258.00	66,800	250.00	—	—	11,500	273.00	22,500	274.00	3,500	1,761.00
Avocados d/	1973-74	53,400	53,400	780.00	—	—	—	—	—	—	—	—	—	—	—	—
	1974-75	106,500	106,500	475.00	—	—	—	—	—	—	—	—	—	—	—	—
	1975-76	58,400	58,400	1,037.00	—	—	—	—	—	—	—	—	—	—	—	—
	1976-77	120,000	120,000	593.00	—	—	—	—	—	—	—	—	—	—	—	—
	1977-78	107,000	107,000	740.00	—	—	—	—	—	—	—	—	—	—	—	—
	1978-79	133,000	133,000	691.00	—	—	—	—	—	—	—	—	—	—	—	—
	1979-80	75,000	75,000	1,496.00	—	—	—	—	—	—	—	—	—	—	—	—
	1980-81	238,000	238,000	357.00	—	—	—	—	—	—	—	—	—	—	—	—
	1981-82	167,000	167,000	688.00	—	—	—	—	—	—	—	—	—	—	—	—
	1982-83	202,000	202,000	480.00	—	—	—	—	—	—	—	—	—	—	—	—
	1983-84	246,000	246,000	380.00	—	—	—	—	—	—	—	—	—	—	—	—

Table 9—California Noncitrus Fruits: Utilized production and average grower return per ton, by utilization, 1973-84

Crop	Year	Total utilized pro-duction	For Fresh Market		For Processing											
					Total		Canned		Crushed		Frozen		Dried (fresh basis)		Dried basis	
			Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return
		Short tons		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars
Sweet Cherries 5/	1973	40,000	26,400	518.00	13,600	276.00	—	—	13,600	274.00	—	—	—	—	—	—
	1974	38,000	30,300	788.00	7,700	408.00	—	—	6,600	404.00	—	—	—	—	—	—
	1975	30,500	20,800	638.00	9,700	360.00	—	—	9,300	363.00	—	—	—	—	—	—
	1976	46,700	32,000	590.00	14,700	276.00	—	—	14,000	278.00	—	—	—	—	—	—
	1977	37,000	30,600	636.00	6,400	317.00	—	—	5,800	318.00	—	—	—	—	—	—
	1978	14,000	11,000	1,070.00	3,000	701.00	—	—	—	—	—	—	—	—	—	—
	1979	36,500	26,200	880.00	10,300	588.00	—	—	—	—	—	—	—	—	—	—
	1980	46,000	32,400	720.00	13,600	408.00	—	—	—	—	—	—	—	—	—	—
	1981	34,250	25,500	801.00	8,750	464.00	—	—	—	—	—	—	—	—	—	—
	1982	12,300	9,700	1,038.00	2,600	639.00	—	—	—	—	—	—	—	—	—	—
	1983	16,600	12,800	873.00	3,800	536.00	—	—	—	—	—	—	—	—	—	—
	1984	37,200	27,600	804.00	9,600	343.00	—	—	—	—	—	—	—	—	—	—
Dates	1973	23,100	—	—	23,100	199.00	—	—	—	—	—	—	—	—	23,100	198.00
	1974	22,700	—	—	22,700	222.00	—	—	—	—	—	—	—	—	22,700	222.00
	1975	24,800	—	—	24,800	298.00	—	—	—	—	—	—	—	—	24,800	298.00
	1976	22,400	—	—	22,400	346.00	—	—	—	—	—	—	—	—	22,400	346.00
	1977	25,400	—	—	25,400	338.00	—	—	—	—	—	—	—	—	25,400	338.00
	1978	21,550	—	—	21,550	485.00	—	—	—	—	—	—	—	—	21,550	485.00
	1979	21,300	—	—	21,300	514.00	—	—	—	—	—	—	—	—	21,300	514.00
	1980	22,400	—	—	22,400	634.00	—	—	—	—	—	—	—	—	22,400	634.00
	1981	22,300	—	—	22,300	639.00	—	—	—	—	—	—	—	—	22,300	639.00
	1982	23,900	—	—	23,900	736.00	—	—	—	—	—	—	—	—	23,900	736.00
	1983	119,400	—	—	19,400	657.00	—	—	—	—	—	—	—	—	19,400	657.00
	1984	22,500	—	—	22,500	846.00	—	—	—	—	—	—	—	—	22,500	846.00
Figs 1/	1973	41,600	4,340	260.00	37,260	227.00	—	—	—	—	—	—	37,260	227.00	12,420	680.00
	1974	44,600	5,000	277.00	39,600	228.00	—	—	—	—	—	—	39,600	228.00	13,200	678.00
	1975	38,000	3,170	229.00	34,830	195.00	—	—	—	—	—	—	34,830	195.00	11,610	585.00
	1976	32,100	1,900	271.00	30,200	174.00	—	—	—	—	—	—	30,200	174.00	10,070	522.00
	1977	41,500	3,400	345.00	38,100	260.00	—	—	—	—	—	—	38,100	260.00	12,700	780.00
	1978	31,600	3,700	352.00	27,900	313.00	—	—	—	—	—	—	27,900	313.00	9,300	940.00
	1979	38,720	3,800	416.00	34,920	406.00	—	—	—	—	—	—	34,920	406.00	11,640	1,217.00
	1980	45,450	2,100	493.00	43,350	296.00	—	—	—	—	—	—	43,350	296.00	14,450	888.00
	1981	38,200	1,600	542.00	36,600	320.00	—	—	—	—	—	—	36,600	320.00	12,300	954.00
	1982	37,700	1,100	461.00	36,600	273.00	—	—	—	—	—	—	36,600	273.00	12,200	820.00
	1983	34,000	850	426.00	33,150	200.00	—	—	—	—	—	—	33,150	200.00	11,050	600.00
	1984	36,000	1,950	442.00	34,050	N/A	—	—	—	—	—	—	34,050	N/A	11,350	N/A
Grapes, All	1973	3,891,000	381,700	300.00	3,509,300	142.00	59,000	121.00	2,481,000	130.00	—	—	969,300	175.00	224,528	754.00
	1974	3,794,300	411,700	252.00	3,382,300	115.00	61,200	133.00	2,287,300	102.00	—	—	1,023,800	141.00	242,130	602.00
	1975	3,948,000	473,500	335.00	3,474,500	110.00	52,700	120.00	2,189,400	85.60	—	—	1,252,400	151.00	283,650	665.00
	1976	3,685,000	441,500	362.00	3,243,500	126.00	48,000	137.00	2,213,000	112.00	—	—	982,500	157.00	218,400	707.00
	1977	3,986,000	461,000	427.00	3,525,000	158.00	54,000	159.00	2,337,000	148.00	—	—	1,134,000	184.00	248,900	840.00
	1978	3,769,000	412,000	483.00	3,357,000	201.00	55,000	214.00	2,543,000	186.00	—	—	759,000	243.00	172,475	1,066.00
	1979	4,558,000	500,000	402.00	4,058,000	215.00	60,000	228.00	2,617,100	184.00	—	—	1,380,900	253.00	300,390	1,151.00
	1980	5,124,000	545,000	548.00	4,579,000	204.00	63,000	229.00	2,896,000	188.00	—	—	1,620,000	230.00	310,550	1,198.00
	1981	3,993,000	503,000	513.00	3,490,000	272.00	42,000	225.00	2,416,000	248.00	—	—	1,032,000	329.00	258,000	1,314.00
	1982	5,386,000	680,200	442.00	4,705,800	201.00	35,000	203.00	3,123,300	181.00	—	—	1,547,500	221.00	295,300	1,156.00
	1983	4,775,000	645,500	422.00	4,129,500	163.00	35,000	178.00	2,309,500	188.00	—	—	1,785,000	132.67	398,500	590.00
	1984	4,582,000	605,000	349.00	3,977,000	133.00	30,000	183.00	2,557,000	155.00	—	—	1,390,000	N/A	335,000	N/A

Table 3—California Noncitrus Fruits: Utilized production and average grower return per ton, by utilization, 1973-84

Crop	Year	Total utilized pro- duction	For Fresh Market		For Processing											
					Total		Canned		Crushed		Frozen		Dried (fresh basis)		Dried basis	
			Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return
		Short tons		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars
Grapes	1973	2,378,000	140,000	310.00	2,238,000	121.00	58,000	121.00	1,210,000	78.50	—	—	967,000	175.00	224,000	754.00
Raisin Type	1974	1,970,000	133,500	307.00	1,836,500	114.00	61,200	183.00	754,100	76.00	—	—	1,021,200	141.00	241,600	802.00
	1975	2,201,000	169,700	387.00	2,031,300	117.00	52,700	180.00	729,000	59.00	—	—	1,249,600	151.00	288,000	685.00
a/	1976	1,957,000	173,000	400.00	1,784,000	198.00	46,000	187.00	756,000	83.60	—	—	981,000	157.00	218,000	708.00
	1977	1,935,000	155,000	487.00	1,780,000	156.00	54,000	159.00	594,000	98.80	—	—	1,132,000	184.00	248,300	640.00
b/	1978	1,670,000	155,000	500.00	1,515,000	200.00	55,000	214.00	702,000	159.00	—	—	758,000	248.00	172,200	1,087.00
	1979	2,320,000	184,000	464.00	2,136,000	219.00	60,000	229.00	700,000	161.00	—	--	1,376,000	263.00	302,300	1,151.00
	1980	2,692,000	238,000	571.00	2,454,000	203.00	63,000	229.00	779,000	144.00	—	—	1,612,000	290.00	309,000	1,199.00
	1981	1,779,000	204,000	487.00	1,575,000	265.00	42,000	225.00	509,000	199.00	—	—	1,024,000	329.00	256,000	1,315.00
1/	1982	2,642,000	303,000	481.00	2,339,000	169.00	25,000	203.00	774,000	127.00	—	—	1,540,000	200.00	292,000	1,154.00
	1983	2,391,000	252,000	413.00	2,139,000	128.00	35,000	178.00	330,000	104.00	—	—	1,774,000	131.00	386,000	587.00
	1984	2,227,000	260,000	332.00	1,967,000	90.00	30,000	188.00	560,000	95.00	—	—	1,377,000	N/A	334,200	N/A
Grapes	1973	475,000	196,700	300.00	278,300	84.10	—	—	276,000	83.40	—	—	2,300	173.00	525	752.00
Table Type	1974	586,000	221,200	240.00	364,800	65.40	—	—	362,200	64.70	—	—	2,600	161.00	630	886.00
	1975	434,000	227,200	370.00	206,800	51.80	—	—	204,000	50.50	—	—	2,800	148.00	652	640.00
	1976	405,000	188,500	369.00	216,500	84.20	—	—	215,000	82.80	—	—	1,500	280.00	400	1,060.00
	1977	488,000	205,000	502.00	283,000	101.00	—	—	281,000	99.60	—	—	2,000	284.00	600	878.00
	1978	383,000	182,000	552.00	201,000	142.00	—	—	200,000	140.00	—	—	1,000	481.00	275	1,750.00
	1979	417,000	228,000	439.00	189,000	168.00	—	—	184,100	166.00	—	—	4,900	287.00	1,080	1,200.00
	1980	428,000	224,000	549.00	204,000	147.00	—	—	198,000	144.00	—	—	6,000	224.00	1,550	1,120.00
	1981	420,000	230,000	639.00	190,000	200.00	—	—	182,000	195.00	—	—	8,000	322.00	2,000	1,299.00
	1982	592,000	311,200	615.00	280,800	154.00	—	—	263,300	148.00	—	—	17,500	235.00	3,800	1,248.00
	1983	504,000	300,500	494.00	203,500	139.00	—	—	192,500	134.00	—	—	11,000	251.00	2,800	1,018.00
	1984	465,000	300,000	405.00	165,000	180.00	—	—	162,000	180.00	—	—	3,000	N/A	700	N/A
Grapes	1973	1,040,000	45,000	258.00	995,000	205.00	—	—	995,000	205.00	—	—	—	—	—	—
Wine Type	1974	1,238,000	57,000	168.00	1,181,000	131.00	—	—	1,181,000	131.00	—	—	—	—	—	—
	1975	1,313,000	76,600	160.00	1,236,400	107.00	—	—	1,236,400	107.00	—	—	—	—	—	—
	1976	1,323,000	80,000	165.00	1,243,000	134.00	—	—	1,243,000	134.00	—	—	—	—	—	—
	1977	1,563,000	101,000	169.00	1,462,000	174.00	—	—	1,462,000	174.00	—	—	—	—	—	—
	1978	1,706,000	65,000	240.00	1,641,000	208.00	—	—	1,641,000	208.00	—	—	—	—	—	—
	1979	1,821,000	88,000	184.00	1,733,000	215.00	—	—	1,733,000	215.00	—	—	—	—	—	—
	1980	2,004,000	82,000	205.00	1,922,000	210.00	—	—	1,922,000	210.00	—	—	—	—	—	—
	1981	1,794,000	69,000	228.00	1,725,000	258.00	—	—	1,725,000	258.00	—	—	—	—	—	—
	1982	2,152,000	66,000	144.00	2,086,000	220.00	—	—	2,086,000	220.00	—	—	—	—	—	—
	1983	1,880,000	93,000	213.00	1,787,000	208.00	—	—	1,787,000	208.00	—	—	—	—	—	—
	1984	1,890,000	75,000	175.00	1,815,000	180.00	—	—	1,815,000	180.00	—	—	—	—	—	—
Kiwifruit 1/	1980	4,200	4,200	2,400.00	—	—	—	—	—	—	—	—	—	—	—	—
	1981	5,600	5,600	2,000.00	—	—	—	—	—	—	—	—	—	—	—	—
	1982	11,500	11,500	980.00	—	—	—	—	—	—	—	—	—	—	—	—
	1983	11,600	11,600	1,035.00	—	—	—	—	—	—	—	—	—	—	—	—
	1984	14,000	14,000	N/A	—	—	—	—	—	—	—	—	—	—	—	—
Nectarines	1973	86,500	85,600	257.00	900	86.10	—	—	—	—	—	—	—	—	—	—
	1974	117,000	115,600	230.00	1,400	89.20	—	—	—	—	—	—	—	—	—	—
	1975	111,000	110,000	278.00	1,000	131.00	—	—	—	—	—	—	—	—	—	—
	1976	128,000	127,500	245.00	500	160.00	—	—	—	—	—	—	—	—	—	—
	1977	155,000	155,000	205.00	d/	d/	—	—	—	—	—	—	—	—	—	—
	1978	148,000	144,700	310.00	3,300	25.00	—	—	—	—	—	—	—	—	—	—
	1979	172,000	171,000	198.00	1,000	60.00	—	—	—	—	—	—	—	—		
	1980	191,000	191,000	231.00	d/	d/	—	—	—	—	—	—	—	—	—	—
	1981	192,000	192,000	229.00	d/	d/	—	—	—	—	—	—	—	—	—	—
	1982	178,000	175,900	251.00	2,100	40.00	—	—	—	—	—	—	—	—	—	—
	1983	185,000	183,800	301.00	1,200	30.00	—	—	—	—	—	—	—	—	—	—
	1984	183,000	182,800	220.00	d/	d/	—	—	—	—	—	—	—	—	—	—

Table 3—California Noncitrus Fruits: Utilized production and average grower return per ton, by utilization, 1973-84

Crop	Year	Total utilized pro-duction	For Fresh Market		For Processing											
					Total		Canned		Crushed		Frozen		Dried (fresh basis)		Dried basis	
			Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return
		Short tons		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars
Olives 1/	1973	70,000	700	451.00	69,300	382.00	54,300	442.00	4,300	53.00	10,700	209.00	—	—	—	—
	1974	58,500	900	311.00	57,600	427.00	46,700	472.00	3,100	81.00	7,800	296.00	—	—	—	—
	1975	67,000	900	250.00	66,100	328.00	53,300	383.00	3,800	71.00	9,000	226.00	—	—	—	—
	1976	80,000	600	240.00	79,400	322.00	65,500	348.00	3,700	15.00	10,200	263.00	—	—	—	—
	1977	43,000	600	381.00	42,400	395.00	32,300	465.00	2,300	69.00	7,800	203.00	—	—	—	—
	1978	126,000	800	245.00	125,200	294.00	99,100	340.00	7,300	52.00	18,800	147.00	—	—	—	—
	1979	62,000	500	420.00	61,500	399.00	52,300	432.00	1,600	145.00	7,600	227.00	—	—	—	—
	1980	109,000	300	450.00	108,700	359.00	76,800	445.00	3,500	12.00	28,400	170.00	—	—	—	—
	1981	44,900	300	600.00	44,600	686.00	37,900	745.00	2,000	8.00	4,700	497.00	—	—	—	—
	1982	146,500	500	625.00	146,000	514.00	98,000	575.00	2,500	11.00	45,500	410.00	—	—	—	—
	1983	61,000	400	625.00	60,600	519.00	48,000	582.00	600	70.00	12,000	283.00	—	—	—	—
	1984	92,000	500	600.00	91,500	493.00	76,700	550.00	c/	c/	c/	c/	—	—	—	—
														b/		b/
Peaches All 1/	1973	776,000	85,500	136.00	690,500	99.50	633,000	97.10	—	—	45,500	122.00	12,000	141.00	1,500	1,130.00
	1974	962,000	112,500	165.00	849,500	132.00	802,500	132.00	—	—	32,500	133.00	14,500	115.00	1,750	920.00
	1975	838,500	104,000	142.00	734,500	129.00	692,500	127.00	—	—	23,000	92.00	19,000	185.00	2,375	1,480.00
	1976	829,000	133,000	159.00	696,000	116.00	634,000	115.00	—	—	47,000	97.00	15,000	232.00	2,500	1,395.00
	1977	930,500	129,000	208.00	801,500	118.00	732,500	116.00	—	—	48,000	105.00	21,000	199.00	2,500	1,670.00
	1978	752,000	114,300	298.00	637,700	135.00	585,200	136.00	—	—	35,000	91.00	17,500	185.00	2,000	1,619.00
	1979	889,000	138,200	255.00	750,800	154.00	692,300	155.00	—	—	42,000	145.00	16,500	136.00	1,800	1,210.00
	1980	929,000	146,100	237.00	782,900	155.00	731,400	158.00	—	—	34,500	112.00	17,000	115.00	2,200	889.00
	1981	770,000	144,500	299.00	625,500	175.00	572,600	180.00	—	—	35,500	126.00	17,400	112.00	2,047	952.00
	1982	679,000	134,000	248.00	545,000	159.00	490,500	163.00	—	—	32,100	138.00	22,500	120.00	2,600	1,044.00
	1983	527,000	151,500	254.00	375,500	158.00	327,500	159.00	—	—	30,000	145.00	18,000	118.00	2,000	1,062.00
	1984	705,500	156,500	220.00	549,000	173.00	501,000	176.00	—	—	34,000	126.00	14,000	100.00	1,550	900.00
Peaches Clingstone 1/	1973	566,000	1,000	247.00	565,000	96.70	565,000	96.70	—	—	—	—	—	—	—	—
	1974	728,000	1,500	240.00	726,500	132.00	726,500	132.00	—	—	—	—	—	—	—	—
	1975	638,000	1,500	139.00	636,500	130.00	636,500	130.00	—	—	—	—	—	—	—	—
	1976	597,000	2,000	126.00	595,000	116.00	595,000	116.00	—	—	—	—	—	—	—	—
	1977	696,500	2,000	166.00	694,500	117.00	694,500	117.00	—	—	—	—	—	—	—	—
	1978	555,000	2,300	200.00	552,700	137.00	552,700	137.00	—	—	—	—	—	—	—	—
	1979	655,000	1,200	200.00	653,800	156.00	653,800	156.00	—	—	—	—	—	—	—	—
	1980	691,000	1,100	220.00	689,900	160.00	689,900	160.00	—	—	—	—	—	—	—	—
	1981	553,000	1,500	240.00	551,500	182.00	551,500	182.00	—	—	—	—	—	—	—	—
	1982	471,500	1,000	248.00	470,500	164.00	470,500	164.00	—	—	—	—	—	—	—	—
	1983	309,500	—	—	309,500	160.00	309,500	160.00	—	—	—	—	—	—	—	—
	1984	483,000	—	—	483,000	180.00	483,000	180.00	—	—	—	—	—	—	—	—
														b/		b/
Peaches Freestone 1/	1973	210,000	84,500	135.00	125,500	112.00	68,000	101.00	—	—	45,500	122.00	12,000	141.00	1,500	1,130.00
	1974	234,000	111,000	164.00	123,000	132.00	76,000	134.00	—	—	32,500	133.00	14,500	115.00	1,750	920.00
	1975	200,500	102,500	142.00	98,000	119.00	56,000	100.00	—	—	23,000	92.00	19,000	185.00	2,375	1,480.00
	1976	232,000	131,000	160.00	101,000	117.00	39,000	96.00	—	—	47,000	97.00	15,000	232.00	2,500	1,395.00
	1977	234,000	127,000	209.00	107,000	123.00	38,000	105.00	—	—	48,000	105.00	21,000	199.00	2,500	1,670.00
	1978	197,000	112,000	300.00	85,000	119.00	32,500	113.00	—	—	35,000	91.00	17,500	185.00	2,000	1,619.00
	1979	234,000	[illegible]	264.00	97,000	138.00	38,500	135.00	—	—	42,000	145.00	16,500	136.00	1,800	1,210.00
	1980	236,000	[illegible]	237.00	93,000	116.00	41,500	125.00	—	—	34,500	112.00	17,000	115.00	2,200	889.00
	1981	217,000	[illegible]	300.00	74,000	123.00	21,100	127.00	—	—	35,500	126.00	17,400	112.00	2,047	952.00
	1982	207,500	133,000	248.00	74,500	131.00	20,000	134.00	—	—	32,000	138.00	22,500	120.00	2,600	1,044.00
	1983	217,500	151,500	254.00	66,000	135.00	18,000	134.00	—	—	30,000	145.00	18,000	118.00	2,000	1,062.00
	1984	222,500	156,500	220.00	66,000	123.00	18,000	134.00	—	—	34,000	126.00	14,000	100.00	1,550	900.00

Table 3—California Noncitrus Fruits: Utilized production and average grower return per ton, by utilization, 1973-84

Crop	Year	Total utilized pro-duction	For Fresh Market		For Processing											
					Total		Canned		Crushed		Frozen		Dried [fresh basis]		Dried basis	
			Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return
		Short tons		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars b/		Dollars b/
Pears All a/	1973	327,300	81,700	129.00	245,600	115.00	240,700	114.00	—	—	—	—	4,800	173.00	795	949.00
	1974	310,900	57,900	197.00	253,000	155.00	247,900	155.00	—	—	—	—	5,100	150.00	700	1,090.00
	1975	303,350	70,000	122.00	233,350	122.00	227,250	121.00	—	—	—	—	6,100	171.00	980	1,150.00
	1976	353,500	76,200	111.00	277,400	102.00	268,900	100.00	—	—	—	—	8,500	180.00	1,270	1,200.00
	1977	334,600	65,300	145.00	269,300	110.00	261,700	108.00	—	—	—	—	7,600	187.00	1,130	1,250.00
	1978	288,300	46,500	291.00	241,800	179.00	236,500	176.00	—	—	—	—	5,300	328.00	855	2,000.00
	1979	364,800	61,000	275.00	304,000	155.00	293,900	155.00	—	—	—	—	10,100	141.00	1,830	880.00
	1980	397,700	72,000	188.00	315,000	147.00	306,800	148.00	—	—	—	—	8,100	109.00	1,500	588.00
	1981	376,000	75,800	208.00	300,200	135.00	293,000	136.00	—	—	—	—	7,200	114.00	1,440	570.00
	1982	321,500	85,000	184.00	236,500	107.00	229,300	108.00	—	—	—	—	7,200	97.00	1,200	582.00
	1983	267,700	50,300	201.00	217,400	102.00	211,000	102.00	—	—	—	—	6,400	90.00	1,080	540.00
	1984	300,500	74,500	177.00	226,000	141.00	222,300	141.00	—	—	—	—	3,700	117.00	830	667.00
														b/		b/
Pears Bartlett a/	1973	317,000	77,000	128.00	240,000	115.00	235,100	114.00	—	—	—	—	4,800	173.00	790	940.00
	1974	297,000	53,000	196.00	244,000	157.00	238,900	157.00	—	—	—	—	5,100	150.00	700	1,090.00
	1975	297,000	67,000	117.00	230,000	123.00	223,900	122.00	—	—	—	—	6,100	171.00	980	1,180.00
	1976	345,000	71,000	107.00	274,000	103.00	265,500	101.00	—	—	—	—	8,500	180.00	1,270	1,200.00
	1977	326,000	61,000	140.00	265,000	111.00	257,400	109.00	—	—	—	—	7,600	187.00	1,130	1,200.00
	1978	281,000	43,000	285.00	238,000	179.00	232,700	176.00	—	—	—	—	5,300	325.00	855	2,080.00
	1979	355,000	51,000	275.00	304,000	155.00	293,900	155.00	—	—	—	—	10,100	141.00	1,830	880.00
	1980	387,000	72,000	188.00	315,000	147.00	306,900	148.00	—	—	—	—	8,100	109.00	1,500	588.00
	1981	366,000	70,000	207.00	296,000	135.00	288,800	136.00	—	—	—	—	7,200	114.00	1,440	570.00
	1982	314,000	81,000	176.00	233,000	109.00	225,800	109.00	—	—	—	—	7,200	97.00	1,200	582.00
	1983	259,500	44,700	176.00	214,800	104.00	208,400	105.00	—	—	—	—	6,400	90.00	1,080	540.00
	1984	290,500	66,000	182.00	224,500	142.00	220,800	142.00	—	—	—	—	3,700	117.00	830	667.00
Pears Other than Bartlett a/b/c/	1973	10,300	4,700	151.00	5,600	94.10	5,600	94.10	—	—	—	—	—	—	—	—
	1974	13,900	4,900	208.00	9,000	109.00	9,000	109.00	—	—	—	—	—	—	—	—
	1975	6,350	3,000	226.00	3,350	116.00	3,350	116.00	—	—	—	—	—	—	—	—
	1976	8,500	5,200	182.00	3,300	96.00	3,300	96.00	—	—	—	—	—	—	—	—
	1977	8,600	4,300	216.00	4,300	94.60	4,300	94.60	—	—	—	—	—	—	—	—
	1978	7,300	3,500	370.00	3,800	154.00	3,800	154.00	—	—	—	—	—	—	—	—
	1979	9,800	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1980	10,700	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1981	10,000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1982	7,800	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1983	8,200	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1984	10,000	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plums d/	1973	97,000	93,800	331.00	3,200	13.10	—	—	—	—	—	—	—	—	—	—
	1974	143,000	140,000	280.00	3,000	22.50	—	—	—	—	—	—	—	—	—	—
	1975	124,000	121,360	295.00	2,640	13.00	—	—	—	—	—	—	—	—	—	—
	1976	115,000	111,900	310.00	3,100	17.80	—	—	—	—	—	—	—	—	—	—
	1977	157,000	156,000	315.00	1,000	48.60	—	—	—	—	—	—	—	—	—	—
	1978	154,000	151,000	377.00	3,000	22.00	—	—	—	—	—	—	—	—	—	—
	1979	175,000	173,000	280.00	2,000	31.00	—	—	—	—	—	—	—	—	—	—
	1980	160,000	157,400	468.00	2,600	8.00	—	—	—	—	—	—	—	—	—	—
	1981	197,500	194,300	314.00	3,200	8.10	—	—	—	—	—	—	—	—	—	—
	1982	118,000	116,600	627.00	1,400	14.00	—	—	—	—	—	—	—	—	—	—
	1983	158,500	155,700	443.00	2,800	12.00	—	—	—	—	—	—	—	—	—	—
	1984	225,000	221,000	216.00	,000	15.00	—	—	—	—	—	—	—	—	—	—

Table 3—California Noncitrus Fruits: Utilized production and average grower return per ton, by utilization, 1973-84

Crop	Year	Total utilized pro-duction	For Fresh Market		For Processing											
					Total		Canned		Crushed		Frozen		Dried (fresh basis)		Dried basis	
			Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return	Short tons	Grower return
		Short tons		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars		Dollars
Pomegranates d/	1973	5,800	5,800	170.00	—	—	—	—	—	—	—	—	—	—	—	—
	1974	8,100	8,100	151.00	—	—	—	—	—	—	—	—	—	—	—	—
	1975	8,600	8,600	143.00	—	—	—	—	—	—	—	—	—	—	—	—
	1976	9,000	9,000	210.00	—	—	—	—	—	—	—	—	—	—	—	—
	1977	10,000	10,000	143.00	—	—	—	—	—	—	—	—	—	—	—	—
	1978	9,500	9,500	233.00	—	—	—	—	—	—	—	—	—	—	—	—
	1979	11,000	11,000	324.00	—	—	—	—	—	—	—	—	—	—	—	—
	1980	16,000	16,000	259.00	—	—	—	—	—	—	—	—	—	—	—	—
	1981	14,800	14,800	278.00	—	—	—	—	—	—	—	—	—	—	—	—
	1982	14,400	14,400	232.00	—	—	—	—	—	—	—	—	—	—	—	—
	1983	18,900	18,900	270.00	—	—	—	—	—	—	—	—	—	—	—	—
	1984	16,000	16,000	202.00	—	—	—	—	—	—	—	—	—	—	—	—
Prunes Dried Basis	1973	205,000	—	—	205,000	482.00	—	—	—	—	—	—	613,000	154.00	205,000	482.00
	1974	142,000	—	—	142,000	440.00	—	—	—	—	—	—	444,500	141.00	142,000	440.00
	1975	149,000	—	—	149,000	402.00	—	—	—	—	—	—	458,000	131.00	149,000	402.00
	1976	148,000	—	—	148,000	412.00	—	—	—	—	—	—	474,000	128.00	148,000	412.00
	1977	159,000	—	—	159,000	499.00	—	—	—	—	—	—	508,000	156.00	159,000	499.00
	1978	132,000	—	—	132,000	696.00	—	—	—	—	—	—	422,000	218.00	132,000	696.00
	1979	136,000	—	—	136,000	812.00	—	—	—	—	—	—	427,000	259.00	136,000	812.00
	1980	168,000	—	—	168,000	683.00	—	—	—	—	—	—	585,000	196.00	168,000	683.00
	1981	159,500	—	—	159,500	654.00	—	—	—	—	—	—	503,000	208.00	159,500	654.00
	1982	126,000	—	—	126,000	679.00	—	—	—	—	—	—	403,200	226.00	126,000	679.00
	1983	145,000	—	—	145,000	667.00	—	—	—	—	—	—	464,000	208.00	145,000	667.00
	1984	140,000	—	—	140,000	g/	—	—	—	—	—	—	420,000	g/	140,000	g/

Table 4--California Citrus Fruits: Acreage, production, price and value, 1973-84

Crop	Year	Bearing acres	Non-Bearing acres a/	Production		Value of Production	
				Total	Per bearing acre	Grower Return per box	Total Value
				1,000 Boxes	Boxes	Dollars	1,000 Dollars
Grapefruit All	1973-74	14,340	8,275	4,650	324	2.65	12,306
	1974-75	15,983	8,527	6,940	434	2.34	16,232
	1975-76	16,499	9,499	7,200	436	2.11	15,216
	1976-77	16,643	9,837	7,700	462	2.29	17,643
	1977-78	17,383	7,778	8,360	481	3.48	29,064
	1978-79	19,571	5,663	6,130	313	4.97	30,446
	1979-80	21,327	3,488	7,500	352	2.96	22,216
	1980-81	21,828	3,182	8,060	369	4.58	36,929
	1981-82	21,995	2,413	6,150	280	3.20	19,661
	1982-83	21,706	1,991	7,300	336	3.33	24,304
	1983-84	21,892	1,439	7,240	331	4.23	30,652
Grapefruit Desert Valley	1973-74	8,180		2,360	289	2.08	4,909
	1974-75	9,293		3,730	401	2.08	7,758
	1975-76	9,599		4,100	427	1.70	6,970
	1976-77	9,513		4,500	473	1.83	8,235
	1977-78	9,393		4,200	447	1.73	7,266
	1978-79	9,851		3,260	331	3.64	11,867
	1979-80	10,317		4,200	407	2.33	9,781
	1980-81	10,108		4,260	421	4.34	18,501
	1981-82	10,415		3,400	326	3.02	10,282
	1982-83	9,914		4,100	414	2.82	11,576
	1983-84	10,299		3,340	324	4.01	13,388
Grapefruit Other Areas	1973-74	6,160		2,290	372	3.23	7,397
	1974-75	6,690		3,210	480	2.64	8,474
	1975-76	6,900		3,100	449	2.66	8,246
	1976-77	7,130		3,200	448	2.94	9,408
	1977-78	7,990		4,160	521	5.24	21,798
	1978-79	9,720		2,870	295	6.47	18,579
	1979-80	11,010		3,300	300	3.77	12,435
	1980-81	11,720		3,800	324	4.85	18,428
	1981-82	11,580		2,750	237	3.41	9,379
	1982-83	11,792		3,200	271	3.98	12,728
	1983-84	11,593		3,900	336	4.43	17,264

a/ Non-bearing acreage by area is not available.

Table 4 --California Citrus Fruits: Acreage, production, price and value, 1973-84

Crop	Year	Bearing acres	Non-Bearing acres	Production		Value of Production	
				Total	Per bearing acre	Grower return per box	Total Value
				1,000 Boxes	Boxes	Dollars	1,000 Dollars
Lemons	1973-74	43,560	18,147	14,900	342	6.16	91,784
	1974-75	45,608	18,252	22,200	487	4.03	89,466
	1975-76	47,260	18,129	15,200	322	5.65	85,880
	1976-77	47,920	16,598	21,000	438	3.65	76,650
	1977-78	48,966	12,385	20,300	415	4.57	92,771
	1978-79	50,291	6,863	14,100	280	7.98	112,487
	1979-80	49,752	7,723	17,700	356	8.12	143,674
	1980-81	52,728	6,089	24,300	461	5.04	122,384
	1981-82	54,242	3,788	18,500	341	4.58	84,744
	1982-83	52,000	2,739	20,300	390	4.38	89,011
	1983-84	51,443	2,256	17,250	335	5.57	96,158
Oranges All	1973-74	196,009	25,557	40,400	206	3.88	156,892
	1974-75	197,146	19,364	55,000	279	3.23	177,890
	1975-76	197,745	14,918	52,800	267	2.97	156,896
	1976-77	191,915	8,577	45,300	236	3.78	171,314
	1977-78	188,598	6,426	42,600	226	5.87	249,976
	1978-79	187,106	4,627	37,300	199	6.88	256,788
	1979-80	185,801	4,390	59,400	320	3.85	228,772
	1980-81	182,729	4,378	65,250	357	4.47	291,797
	1981-82	179,707	4,308	41,900	233	8.80	368,740
	1982-83	177,382	4,020	76,100	429	4.16	316,699
	1983-84	177,490	3,552	48,300	272	8.32	401,919
Oranges Navel and Miscellaneous	1973-74	107,300	20,346	21,900	204	4.03	88,257
	1974-75	111,954	15,476	27,900	249	3.53	98,487
	1975-76	114,917	11,321	28,300	246	3.12	88,296
	1976-77	115,089	6,313	25,600	222	3.66	93,696
	1977-78	112,256	5,403	20,000	178	5.99	119,800
	1978-79	111,703	3,628	20,800	186	7.05	146,718
	1979-80	111,779	3,313	32,600	292	3.93	128,189
	1980-81	109,884	3,188	38,750	353	4.01	155,341
	1981-82	107,793	2,899	26,500	246	7.22	191,436
	1982-83	108,942	2,380	40,200	369	4.61	185,328
	1983-84	109,496	1,922	33,300	304	5.58	185,844
Oranges Valencia	1973-74	88,709	5,211	18,500	209	3.71	68,635
	1974-75	85,192	3,888	27,100	318	2.93	79,403
	1975-76	82,828	3,597	24,500	296	2.80	68,600
	1976-77	76,826	2,264	19,700	256	3.94	77,618
	1977-78	76,342	1,023	22,600	296	5.76	130,176
	1978-79	75,403	999	16,500	219	6.67	110,070
	1979-80	74,022	1,077	26,800	362	3.75	100,583
	1980-81	72,845	1,190	26,500	364	5.15	136,456
	1981-82	71,914	1,409	15,400	214	11.51	177,304
	1982-83	68,440	1,640	35,900	525	3.66	131,371
	1983-84	67,994	1,630	15,000	221	14.41	216,075
Tangerines (Inc. Mandarines and Mandarin Hybrids, Tangelos and Tangors)	1973-74	10,253	4,183	1,360	133	4.74	6,446
	1974-75	10,580	3,152	1,540	146	3.70	5,698
	1975-76	10,635	2,683	1,300	122	4.64	6,032
	1976-77	9,315	2,060	1,820	195	5.87	10,683
	1977-78	9,601	884	1,400	146	6.32	8,848
	1978-79	8,732	1,019	1,450	166	10.26	14,870
	1979-80	8,433	1,170	1,650	196	4.67	7,709
	1980-81	8,352	1,236	1,860	223	4.08	7,598
	1981-82	8,409	1,419	1,730	206	7.93	13,724
	1982-83	8,871	1,265	2,150	242	6.19	13,312
	1983-84	8,767	923	1,850	211	7.36	13,617

Table 5—California Citrus Fruits: Sales by utilization and average grower return per box, 1973-84

Crop	Year	All sales		Fresh Market		Processing	
		Boxes	Grower return per box	Boxes	Grower return per box	Boxes	Grower return per box
		1,000	Dollars	1,000	Dollars	1,000	Dollars
Grapefruit All	1973-74	4,650	2.65	2,430	4.21	2,220	0.94
	1974-75	6,940	2.34	3,560	3.96	3,380	0.64
	1975-76	7,200	2.11	3,630	3.49	3,570	0.72
	1976-77	7,700	2.29	4,250	3.84	3,450	0.38
	1977-78	8,360	3.48	4,440	6.35	3,920	0.22
	1978-79	6,130	4.97	3,690	7.87	2,440	0.58
	1979-80	7,500	2.96	3,460	5.65	4,040	0.66
	1980-81	8,060	4.58	4,490	7.60	3,570	0.79
	1981-82	6,000	3.20	3,605	5.28	2,395	0.04
	1982-83	7,300	3.34	4,420	5.46	2,820	0.09
	1983-84	7,240	4.23	4,620	6.70	2,620	-0.12
Grapefruit Desert Valley (Equivalent packed boxes of 64 pounds)	1973-74	2,360	2.08	1,160	3.35	1,200	0.86
	1974-75	3,730	2.08	1,680	3.83	2,050	0.65
	1975-76	4,100	1.70	1,810	2.95	2,290	0.72
	1976-77	4,500	1.83	2,250	3.28	2,250	0.38
	1977-78	4,200	1.73	1,880	3.68	2,320	0.15
	1978-79	3,260	3.64	1,910	5.81	1,350	0.57
	1979-80	4,200	2.33	1,740	4.66	2,460	0.68
	1980-81	4,260	4.34	2,310	7.19	1,950	0.97
	1981-82	3,400	3.02	1,925	5.28	1,475	0.08
	1982-83	4,100	2.82	2,420	4.70	1,680	0.12
	1983-84	3,340	4.01	2,020	6.68	1,320	-0.08
Grapefruit Other Areas (Equivalent packed boxes of 67 pounds)	1973-74	2,290	3.23	1,270	5.00	1,020	1.03
	1974-75	3,210	2.64	1,880	4.07	1,330	0.62
	1975-76	3,100	2.66	1,820	4.02	1,280	0.72
	1976-77	3,200	2.94	2,000	4.48	1,200	0.38
	1977-78	4,160	5.24	2,560	8.31	1,600	0.32
	1978-79	2,870	6.47	1,780	10.07	1,090	0.60
	1979-80	3,300	3.77	1,720	6.66	1,580	0.62
	1980-81	3,800	4.85	2,180	8.03	1,620	0.57
	1981-82	2,600	3.41	1,680	5.28	920	-0.02
	1982-83	3,200	3.98	2,000	6.38	1,200	0.04
	1983-84	3,900	4.43	2,600	6.72	1,300	-0.16

Table 5--California Citrus Fruits: Sales by utilization and average grower return per box, 1973-84

Crop	Year	All sales		Fresh Market		Processing	
		Boxes	Grower return per box	Boxes	Grower return per box	Boxes	Grower return per box
		1,000	Dollars	1,000	Dollars	1,000	Dollars
Lemons (Equivalent packed boxes of 76 pounds)	1973-74	14,900	6.16	9,400	8.55	5,500	2.08
	1974-75	22,200	4.03	9,600	8.03	12,600	0.98
	1975-76	15,200	5.65	9,560	8.45	5,640	0.90
	1976-77	21,000	3.65	11,000	6.10	10,000	0.95
	1977-78	20,300	4.57	9,900	8.47	10,400	0.86
	1978-79	14,100	7.98	9,170	11.74	4,930	0.98
	1979-80	17,700	8.12	9,120	12.00	8,580	3.99
	1980-81	24,300	5.04	9,150	9.12	15,150	2.57
	1981-82	18,500	4.58	7,970	10.58	10,530	0.04
	1982-83	20,300	4.38	9,250	9.36	11,050	0.22
	1983-84	17,250	5.57	9,240	10.32	8,010	0.10
Oranges All	1973-74	40,400	3.88	29,300	5.02	11,100	0.89
	1974-75	55,000	3.23	35,600	4.66	19,400	0.65
	1975-76	52,800	2.97	34,200	4.18	18,600	0.76
	1976-77	45,300	3.78	32,570	5.03	12,730	0.61
	1977-78	42,600	5.87	28,800	7.96	13,800	1.49
	1978-79	37,300	6.88	24,800	9.45	12,500	1.80
	1979-80	59,400	3.85	39,480	5.14	19,920	1.30
	1980-81	65,250	4.47	37,630	6.90	27,620	1.17
	1981-82	41,900	8.80	33,400	10.76	8,500	1.08
	1982-83	76,100	4.16	43,250	6.10	32,850	1.61
	1983-84	48,300	8.32	37,600	10.56	10,700	0.46
Oranges Navel and Miscellaneous (Equivalent packed boxes of 75 pounds)	1973-74	21,900	4.03	17,400	5.00	4,500	0.28
	1974-75	27,900	3.53	20,300	4.83	7,600	0.10
	1975-76	28,300	3.12	20,600	4.18	7,700	0.28
	1976-77	25,600	3.66	19,270	4.78	6,330	0.26
	1977-78	20,000	5.99	15,200	7.74	4,800	0.44
	1978-79	20,800	7.05	14,300	9.76	6,500	1.10
	1979-80	32,600	3.93	21,700	5.40	10,900	1.01
	1980-81	38,750	4.01	24,430	6.30	14,320	0.10
	1981-82	26,500	7.22	21,200	8.88	5,300	0.60
	1982-83	40,200	4.61	27,200	6.24	13,000	1.20
	1983-84	33,300	5.58	25,100	7.28	8,200	0.38

Table 5—California Citrus Fruits: Sales by utilization and average grower return per box, 1973-84

Crop	Year	All sales		Fresh Market		Processing	
		Boxes	Grower return per box	Boxes	Grower return per box	Boxes	Grower return per box
		1,000	Dollars	1,000	Dollars	1,000	Dollars
Oranges Valencias (Equivalent packed boxes of 75 pounds)	1973-74	18,500	3.71	11,900	5.05	6,600	1.30
	1974-75	27,100	2.93	15,300	4.43	11,800	1.00
	1975-76	24,500	2.80	13,600	4.17	10,900	1.10
	1976-77	19,700	3.94	13,300	5.38	6,400	0.96
	1977-78	22,600	5.76	13,600	8.21	9,000	2.05
	1978-79	16,500	6.67	10,500	9.02	6,000	2.56
	1979-80	26,800	3.75	17,780	4.82	9,020	1.65
	1980-81	26,500	5.15	13,200	8.00	13,300	2.32
	1981-82	15,400	11.51	12,200	14.04	3,200	1.88
	1982-83	35,900	3.66	16,050	5.86	19,850	1.88
	1983-84	15,000	14.41	12,500	17.14	2,500	0.73
Tangerines (Including Mandarines and Mandarine Hybrids Tangelos, and Tangors) (Equivalent packed boxes of 75 pounds)	1973-74	1,360	4.74	1,000	6.30	360	0.40
	1974-75	1,540	3.70	970	5.68	570	0.33
	1975-76	1,300	4.64	800	7.01	500	0.84
	1976-77	1,820	5.87	1,220	8.40	600	0.74
	1977-78	1,400	6.32	820	10.20	580	0.84
	1978-79	1,450	10.26	950	15.10	500	1.05
	1979-80	1,650	4.67	785	8.30	865	1.38
	1980-81	1,860	4.08	760	9.10	1,100	0.62
	1981-82	1,730	7.93	1,120	11.60	610	1.20
	1982-83	2,150	6.19	1,140	10.80	1,010	0.99
	1983-84	1,850	7.36	920	13.80	930	0.99

Table 6: California Citrus Fruits: Average grower return per box, monthly and season average price, 1973-84

Crop and Type of Sale	Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Season average price
		Dollars per box												
Grapefruit, Desert Fresh Sales	1973-74	---	3.20	3.05	2.80	3.00	2.60	3.05	3.55	3.80	3.30	2.50	---	3.35
	1974-75	---	3.68	2.90	2.50	2.48	2.35	2.43	3.24	3.33	3.82	3.86	---	3.83
	1975-76	---	1.98	2.62	2.70	2.36	2.36	2.48	3.21	3.36	3.82	1.46	---	2.95
	1976-77	---	1.86	1.86	2.96	3.36	2.96	3.76	3.46	3.96	2.26	---	---	3.28
	1977-78	---	2.95	3.40	3.35	3.05	3.55	3.40	3.75	4.95	4.05	---	---	3.68
	1978-79	6.24	6.24	4.02	6.66	3.36	3.76	5.76	6.56	9.76	---	---	---	5.81
	1979-80	4.64	4.64	5.42	5.02	5.80	5.32	4.54	4.32	5.44	2.32	---	---	4.66
	1980-81	6.16	7.52	8.12	5.50	5.49	6.06	7.36	7.66	8.96	6.36	---	---	7.19
	1981-82	6.11	5.04	8.46	6.76	5.74	4.74	4.64	4.88	5.28	4.18	---	---	5.28
	1982-83	4.32	4.32	3.86	3.58	3.54	4.04	4.02	5.14	5.64	5.04	---	---	4.70
	1983-84	6.18	6.18	6.18	7.18	6.98	5.44	6.68	7.58	6.18	5.98	---	---	6.68
Grapefruit, Desert Processing Sales	1973-74	---	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	0.86	---	---	0.86
	1974-75	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	---	---	0.65
	1975-76	---	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	---	0.72
	1976-77	---	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	---	---	0.38
	1977-78	---	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	---	---	0.15
	1978-79	0.58	0.58	0.58	0.58	0.58	0.56	0.56	0.56	0.56	---	---	---	0.57
	1979-80	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	---	---	0.68
	1980-81	0.62	0.62	0.62	1.04	1.04	1.04	1.04	1.04	0.86	0.86	---	---	0.97
	1981-82	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	---	---	0.08
	1982-83	0.09	0.09	0.09	0.12	0.12	0.12	0.12	0.12	0.12	0.12	---	---	0.12
	1983-84	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	-0.08	---	---	-0.08
Grapefruit, Desert All Sales	1973-74	---	2.67	2.42	1.78	1.61	1.32	1.45	1.78	1.99	1.67	2.50	---	2.08
	1974-75	---	2.69	2.02	1.67	1.39	1.38	1.41	1.87	1.86	1.55	3.86	---	2.08
	1975-76	---	1.63	1.97	1.74	1.34	1.27	1.54	1.93	2.01	1.14	1.21	---	1.70
	1976-77	---	1.42	1.35	2.12	2.28	1.68	1.95	1.87	2.11	0.90	---	---	1.83
	1977-78	---	2.08	2.76	2.16	1.59	1.55	1.51	1.79	1.91	1.00	---	---	1.73
	1978-79	4.46	4.39	2.36	3.88	1.92	2.34	3.80	4.17	6.69	---	---	---	3.64
	1979-80	2.87	2.46	2.39	2.81	2.73	2.48	2.29	2.31	2.62	1.23	---	---	2.33
	1980-81	4.21	4.82	5.13	3.74	3.87	4.20	4.38	4.49	4.43	3.61	---	---	4.34
	1981-82	4.37	4.98	6.00	4.63	3.56	2.53	2.45	2.69	2.79	2.59	---	---	3.02
	1982-83	3.09	3.32	2.81	2.56	2.34	2.64	2.49	2.93	3.19	2.32	---	---	2.82
	1983-84	4.75	4.80	5.03	5.52	5.37	4.02	3.94	4.76	2.75	2.06	---	---	4.01

Table 6: California Citrus Fruits: Average grower return per box, monthly and season average price, 1973-84

Crop and Type of Sale	Year	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Season average price
		Dollars per box												
Grapefruit, Other Areas Fresh Sales	1973-74	4.45	—	6.55	5.55	4.55	3.65	2.65	3.95	5.20	5.15	3.95	2.45	5.00
	1974-75	—	—	7.62	6.68	5.75	4.81	3.87	3.69	4.47	4.55	4.80	4.64	4.07
	1975-76	—	—	7.62	7.62	6.53	5.79	4.91	3.78	3.62	4.46	4.56	5.11	4.02
	1976-77	—	—	7.54	—	—	—	3.74	4.60	4.70	4.38	4.68	4.26	4.48
	1977-78	10.30	10.30	10.30	8.30	6.30	5.30	4.10	5.60	6.98	8.58	13.58	22.38	10.97
	1978-79	10.78	9.88	9.26	9.26	9.26	9.26	8.56	10.46	11.96	8.36	9.76	10.06	10.07
	1979-80	6.62	6.62	6.67	6.67	6.67	6.67	6.67	7.12	6.32	6.52	6.52	—	6.66
	1980-81	5.22	5.20	5.91	5.34	5.44	6.45	6.00	9.80	8.70	7.50	7.90	5.34	8.03
	1981-82	—	—	—	—	5.74	5.74	5.14	6.94	7.14	4.44	4.14	3.74	5.28
	1982-83	—	—	—	—	—	—	—	7.04	6.64	6.04	6.14	6.14	6.34
	1983-84	—	—	—	—	—	—	4.81	7.32	6.62	6.12	6.92	7.22	6.72
Grapefruit, Other Areas Processing Sales	1973-74	—	—	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	1974-75	—	—	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
	1975-76	—	—	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
	1976-77	—	—	—	0.38	—	—	0.38	0.38	0.38	0.38	—	—	0.38
	1977-78	—	—	—	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.30	0.30	0.32
	1978-79	0.30	0.30	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
	1979-80	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	—	0.62
	1980-81	0.62	0.62	0.62	0.62	0.62	0.62	0.56	0.56	0.56	0.56	0.56	—	0.57
	1981-82	—	—	—	—	—	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
	1982-83	—	—	—	—	—	—	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	1983-84	—	—	—	—	—	—	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16
Grapefruit, Other Areas All Sales	1973-74	4.45	—	3.45	3.23	2.45	2.00	1.40	2.40	3.14	3.23	1.71	0.66	3.23
	1974-75	—	—	4.17	2.71	3.24	2.77	2.50	2.40	2.84	2.89	3.02	2.23	2.64
	1975-76	—	—	4.17	4.17	3.30	3.38	3.87	3.17	2.46	2.72	1.86	2.92	2.66
	1976-77	—	—	7.54	0.38	—	—	1.60	3.08	3.15	2.61	3.13	2.60	2.94
	1977-78	10.30	10.30	10.30	4.58	3.24	2.62	1.86	3.50	4.42	5.56	9.51	5.82	5.24
	1978-79	6.85	6.33	6.07	5.92	5.94	5.95	4.33	7.25	7.92	5.52	6.47	6.43	6.47
	1979-80	3.86	3.89	3.88	3.88	3.90	3.89	3.99	4.13	3.44	3.41	3.48	—	3.77
	1980-81	2.59	3.37	4.28	3.32	2.92	3.03	2.27	5.21	5.64	4.40	7.03	5.34	4.85
	1981-82	—	—	—	—	5.74	2.86	2.24	3.12	4.96	2.72	2.78	2.85	3.41
	1982-83	—	—	—	—	—	—	0.04	3.65	4.43	4.10	3.92	3.77	3.98
	1983-84	—	—	—	—	—	—	1.50	4.97	4.21	3.85	4.37	5.27	4.43

Table 6: California Citrus Fruits: Average grower return per box, monthly and season average price, 1973-84

Crop and Type of Sale	Year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Season average price
		Dollars per box												
Lemons Fresh Sales	1973-74	11.45	11.45	9.25	8.95	8.95	8.55	8.25	7.55	7.45	7.85	7.35	8.45	8.55
	1974-75	7.90	9.52	10.10	5.62	5.80	6.26	6.08	6.62	6.76	8.24	8.92	9.58	8.03
	1975-76	12.65	14.80	17.25	16.85	8.30	7.50	7.45	8.35	6.80	5.90	6.10	6.50	8.45
	1976-77	6.70	5.85	6.80	6.40	5.80	6.30	6.30	5.28	5.50	5.84	6.40	6.40	6.10
	1977-78	8.30	9.60	9.00	6.20	5.80	5.40	6.10	4.94	5.90	7.50	11.40	16.64	8.47
	1978-79	16.54	12.04	11.94	6.96	6.82	7.52	6.98	8.08	8.98	11.38	13.38	23.08	11.74
	1979-80	30.40	19.40	16.60	11.30	9.70	5.90	7.20	7.50	8.10	8.10	9.10	16.80	12.00
	1980-81	17.60	13.20	13.20	9.42	6.22	5.22	4.62	5.22	6.32	6.62	8.52	15.52	9.12
	1981-82	16.48	17.48	7.98	4.98	6.28	5.98	4.78	6.28	9.18	12.38	11.18	17.68	10.58
	1982-83	15.76	15.96	10.86	7.96	6.96	5.16	5.16	5.86	6.16	6.86	10.46	17.06	9.36
	1983-84	14.32	14.42	12.52	5.72	4.62	3.82	3.92	4.92	6.62	11.92	19.52	18.12	10.32
Lemons Processing Sales	1973-74	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08	2.08
	1974-75	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98
	1975-76	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
	1976-77	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
	1977-78	0.94	0.95	0.94	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.85	0.86
	1978-79	0.85	0.85	0.85	1.00	1.00	1.00	1.00	1.00	1.00	1.16	1.00	1.00	0.98
	1979-80	1.30	1.30	3.08	3.05	3.05	3.20	3.20	4.34	4.34	4.34	4.34	4.34	3.99
	1980-81	4.44	4.44	2.38	2.54	2.54	2.54	2.54	2.54	2.54	2.54	1.98	1.98	2.57
	1981-82	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
	1982-83	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
	1983-84	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Lemons All Sales	1973-74	9.45	8.73	6.13	5.70	5.89	5.55	5.23	5.38	5.15	5.82	5.56	6.53	6.16
	1974-75	5.99	5.30	4.45	2.13	2.05	2.26	2.78	3.35	3.27	4.14	4.95	5.31	4.03
	1975-76	9.14	10.24	11.44	10.88	5.13	4.35	4.53	5.37	4.24	3.93	4.33	4.87	5.65
	1976-77	3.46	2.63	3.52	3.62	3.73	4.07	4.30	4.16	4.10	2.82	3.18	3.26	3.65
	1977-78	6.18	6.64	5.63	3.15	3.08	2.82	2.48	2.30	2.83	3.80	7.62	13.45	4.57
	1978-79	14.00	8.49	6.66	4.25	3.76	4.06	4.07	5.32	6.15	8.15	11.08	20.10	7.98
	1979-80	26.81	14.95	12.72	8.42	6.90	4.84	5.07	5.49	5.61	6.07	7.03	12.34	8.12
	1980-81	11.89	8.47	6.63	5.20	3.79	3.43	3.12	3.41	3.68	3.91	4.78	9.79	5.04
	1981-82	10.24	9.88	3.11	1.54	1.88	2.10	1.38	2.84	4.15	5.51	5.89	10.41	4.58
	1982-83	9.66	9.39	4.79	3.73	3.34	2.30	2.24	2.74	2.24	2.61	5.83	10.43	4.38
	1983-84	8.82	8.46	7.32	3.11	2.29	1.63	1.50	2.27	3.52	7.49	13.85	13.46	5.57

Table 6: California Citrus Fruits: Average grower return per box, monthly and season average price, 1973-84

Crop and Type of Sale	Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Season average price
		Dollars per box												
Oranges Navels & Misc. Fresh Sales	1973-74	5.75	5.75	5.15	7.30	5.20	4.30	4.95	4.75	5.15	—	—	—	5.00
	1974-75	9.21	5.48	4.69	4.70	4.94	4.74	4.95	4.32	4.83	3.60	—	—	4.83
	1975-76	6.85	6.85	5.85	4.80	3.90	3.55	3.45	3.45	3.05	2.35	—	—	4.18
	1976-77	9.34	9.34	5.54	4.04	4.54	4.34	4.74	4.04	4.44	—	—	—	4.78
	1977-78	6.44	9.44	8.04	8.64	7.94	7.24	5.99	5.84	—	—	—	—	7.74
	1978-79	—	9.96	9.96	9.96	10.10	9.50	9.30	9.10	9.10	—	—	—	9.76
	1979-80	6.40	7.00	6.10	5.12	5.11	5.90	4.96	4.38	3.22	—	—	—	5.40
	1980-81	10.70	9.50	7.50	6.80	6.70	6.00	5.34	4.56	5.12	5.22	3.52	—	6.30
	1981-82	10.28	7.18	8.38	9.08	9.38	9.08	9.68	9.78	—	—	—	—	8.88
	1982-83	22.64	11.54	8.04	6.04	5.64	5.74	5.24	4.42	4.14	2.72	—	—	6.24
	1983-84	—	9.48	7.88	7.98	6.88	6.28	6.58	7.58	—	—	—	—	7.28
Oranges Navels & Misc. Processing Sales	1973-74	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	—	—	—	0.28
	1974-75	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	—	—	0.10
	1975-76	—	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	—	—	0.28
	1976-77	—	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	—	—	—	0.26
	1977-78	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	—	—	—	—	0.44
	1978-79	—	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	—	—	—	1.10
	1979-80	—	1.10	1.08	1.00	1.00	1.00	1.00	1.00	1.00	1.00	—	—	1.01
	1980-81	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	—	0.10
	1981-82	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	—	—	—	—	0.60
	1982-83	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	—	1.20
	1983-84	—	0.38	0.38	0.38	0.38	0.38	0.38	0.38	—	—	—	—	0.38
Oranges Navels & Misc. All Sales	1973-74	5.75	4.94	4.25	6.24	4.38	3.39	3.66	3.27	2.72	—	—	—	4.03
	1974-75	7.65	4.70	3.82	3.54	3.66	3.39	3.42	2.77	2.74	1.85	—	—	3.53
	1975-76	6.85	6.08	3.81	3.93	3.15	2.70	2.44	2.24	1.73	1.15	—	—	3.12
	1976-77	9.34	7.90	4.57	3.36	3.61	3.35	3.28	2.60	3.16	—	—	—	3.66
	1977-78	5.58	8.47	7.16	7.51	6.37	5.09	3.83	3.34	—	—	—	—	5.99
	1978-79	—	9.38	8.45	7.09	7.07	6.53	5.97	6.36	6.43	—	—	—	7.05
	1979-80	6.40	6.31	5.40	4.30	3.91	4.13	3.23	2.71	1.68	1.00	—	—	3.93
	1980-81	8.05	7.09	5.87	5.12	4.70	3.89	2.89	2.53	2.56	1.73	0.78	—	4.01
	1981-82	8.27	6.01	7.05	7.80	7.49	7.08	7.58	7.81	—	—	—	—	7.22
	1982-83	21.75	10.08	6.84	4.95	4.30	4.24	3.71	3.07	2.58	1.41	1.20	—	4.61
	1983-84	—	8.24	6.88	6.56	5.22	4.46	4.51	5.30	—	—	—	—	5.58

Table 6: California Citrus Fruits: Average grower return per box, monthly and season average price, 1973-84

Crop and Type of Sale	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Season average price
		- - - - - -	- - -	- - -	- - -	- - -	- - -	Dollars per box	- - -	- - -	- - -	- - -	- - -	- - -
Oranges, Valencias Fresh Sales	1973-74	3.50	3.50	3.50	5.20	4.95	4.45	4.70	5.00	5.55	7.05	7.95	---	5.05
	1974-75	---	3.31	3.43	4.32	4.29	4.44	4.29	4.40	4.99	4.46	4.12	2.28	4.43
	1975-76	---	---	2.78	2.90	3.10	4.00	4.05	4.10	4.70	4.85	3.85	3.50	4.17
	1976-77	---	2.30	2.30	2.30	4.20	4.90	4.70	5.78	6.10	8.70	10.90	---	5.38
	1977-78	---	8.34	7.94	6.34	6.74	6.74	7.28	9.98	11.08	10.88	9.58	---	8.21
	1978-79	---	8.10	8.10	6.90	9.50	11.60	9.10	8.00	8.00	8.40	6.70	6.70	9.02
	1979-80	---	6.80	8.00	4.77	4.67	4.81	4.82	4.82	4.80	4.80	4.80	4.80	4.82
	1980-81	---	5.10	7.40	7.40	8.10	8.70	9.30	7.80	7.60	6.40	5.30	4.34	8.00
	1981-82	---	8.44	9.14	10.40	12.74	13.04	14.24	15.84	23.84	24.14	---	---	14.04
	1982-83	---	5.96	6.56	7.46	6.56	6.36	6.86	6.36	5.26	4.36	4.76	4.86	5.86
	1983-84	3.86	9.14	10.64	11.44	15.34	16.44	17.34	18.34	17.20	20.16	18.38	---	17.14
Oranges, Valencias Processing Sales	1973-74	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	---	1.30
	1974-75	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	1975-76	---	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
	1976-77	---	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	---	0.96
	1977-78	---	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	---	2.05
	1978-79	---	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
	1979-80	---	1.65	1.65	1.65	1.65	1.66	1.65	1.65	1.66	1.66	1.66	1.65	1.65
	1980-81	---	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32
	1981-82	---	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	---	---	1.88
	1982-83	---	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.88
	1983-84	1.88	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	---	0.73
Oranges, Valencias All Sales	1973-74	2.40	2.73	2.66	4.14	3.90	3.38	3.36	3.46	3.97	5.15	5.34	---	3.71
	1974-75	1.00	2.62	2.40	3.20	3.19	3.11	2.83	2.79	3.08	2.69	2.48	1.26	2.93
	1975-76	---	1.10	1.70	2.14	2.38	2.89	2.78	2.67	3.09	3.03	2.38	2.09	2.80
	1976-77	---	1.56	1.76	1.81	3.27	3.62	3.42	4.03	4.48	6.56	7.78	---	3.94
	1977-78	---	7.40	6.17	4.99	5.13	4.90	5.04	6.62	7.49	6.93	5.97	---	5.76
	1978-79	---	5.33	5.33	5.53	7.71	9.05	6.86	5.86	5.80	5.86	4.49	4.63	6.67
	1979-80	---	5.51	6.05	3.88	3.74	3.74	3.69	3.64	3.79	3.81	3.39	3.22	3.75
	1980-81	---	4.40	5.61	5.20	5.84	6.12	6.00	4.78	4.85	4.04	3.37	2.72	5.15
	1981-82	---	6.05	6.59	7.94	10.51	10.58	11.56	13.52	21.21	21.99	---	---	11.51
	1982-83	---	4.60	4.22	4.89	4.50	4.47	4.32	3.99	3.34	2.74	2.75	2.42	3.66
	1983-84	3.20	7.74	6.92	8.75	13.24	13.67	14.48	15.08	13.69	16.75	16.96	---	14.41

Table 6: California Citrus Fruits: Average grower return per box, monthly and season average price, 1973-84

Crop and Type of Sale	Year	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Season average price
		Dollars per box												
Tangerines	1973-74	9.50	8.60	5.95	6.30	6.15	5.65	5.20	0.60	---	---	---	---	6.30
Fresh Sales	1974-75	---	7.78	4.97	5.74	5.77	5.30	5.74	5.24	---	---	---	---	5.68
	1975-76	---	9.30	6.30	7.74	7.80	5.92	5.62	3.94	---	---	---	---	7.01
	1976-77	---	9.05	7.55	9.25	9.10	7.20	7.90	8.00	8.40	8.40	8.40	---	8.40
	1977-78	---	11.90	10.20	11.40	8.60	8.70	7.90	---	---	---	---	---	10.20
	1978-79	---	19.10	12.50	14.80	16.00	15.70	13.00	---	---	---	---	---	15.10
	1979-80	---	16.80	11.50	7.00	4.50	5.70	5.20	4.90	---	---	---	---	8.30
	1980-81	---	12.60	11.90	10.40	9.40	6.50	7.10	7.70	---	---	---	---	9.10
	1981-82	---	15.50	14.40	11.30	8.80	9.70	9.80	---	---	---	---	---	11.60
	1982-83	---	12.20	12.20	9.50	10.80	10.40	10.40	11.00	11.10	---	---	---	10.80
	1983-84	---	17.80	17.80	15.80	14.50	10.80	10.30	12.20	12.20	12.20	---	---	13.80
Tangerines	1973-74	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	---	---	---	---	0.40
Processing Sales	1974-75	---	0.26	0.34	0.33	0.33	0.33	0.33	0.33	0.33	---	---	---	0.33
	1975-76	---	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	---	---	0.84
	1976-77	---	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	---	0.74
	1977-78	---	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	---	---	---	0.84
	1978-79	---	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	1.05	---	---	1.05
	1979-80	---	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	---	---	---	1.38
	1980-81	---	0.62	0.62	0.62	0.62	0.62	0.62	0.62	---	---	---	---	0.62
	1981-82	---	1.20	1.20	1.20	1.20	1.20	1.20	---	---	---	---	---	1.20
	1982-83	---	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	---	---	---	0.99
	1983-84	---	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	---	---	0.99
Tangerines	1973-74	4.95	5.43	4.15	4.65	4.28	3.99	3.49	0.42	---	---	---	---	4.74
All Sales	1974-75	---	4.70	2.96	4.17	3.72	3.46	3.79	3.45	0.33	---	---	---	3.70
	1975-76	---	6.59	5.27	6.04	5.13	3.96	2.96	1.09	0.84	0.84	---	---	4.64
	1976-77	---	5.79	4.63	7.12	6.51	5.26	4.87	4.13	4.57	5.85	5.85	---	5.87
	1977-78	---	9.62	4.49	8.43	5.80	4.07	3.66	0.84	0.84	---	---	---	6.32
	1978-79	---	15.37	10.59	10.05	10.17	9.63	7.74	1.05	1.05	1.05	---	---	10.26
	1979-80	---	13.06	7.45	4.31	2.87	2.80	2.26	1.97	1.38	---	---	---	4.67
	1980-81	---	5.52	5.25	4.58	4.21	3.01	3.27	3.57	---	---	---	---	4.08
	1981-82	---	10.40	9.68	7.78	6.13	6.69	6.93	---	---	---	---	---	7.93
	1982-83	---	6.88	6.88	5.42	6.19	6.03	5.89	6.27	7.73	---	---	---	6.19
	1983-84	---	11.08	10.75	7.66	7.98	5.22	5.77	7.72	7.53	6.60	---	---	7.36

Table 7--Figs, Dried: Production by variety, California, 1973-1984

Crop Year	All grades and varieties	Standard grades					All substandard grades
		All	Calimyrna	Adriatic	Kodata	Black Mission	
	Dry tons						
1973	12,420	11,220	3,920	3,560	1,170	2,570	1,200
1974	13,200	11,430	3,640	4,070	1,240	2,480	1,770
1975	11,610	8,840	2,170	3,050	1,250	2,370	2,770
1976	10,070	7,000	816	3,304	957	1,923	3,070
1977	12,700	11,000	2,800	4,600	900	2,700	1,700
1978	9,300	6,930	2,200	1,850	900	1,980	2,370
1979	11,640	10,240	2,700	3,525	1,300	2,715	1,400
1980	14,450	11,400	3,010	3,920	1,290	3,180	3,050
1981	12,000	10,000	3,200	3,100	1,300	2,400	2,000
1982	12,200	9,650	2,900	2,750	1,450	2,550	2,550
1983	11,050	9,000	2,200	3,250	1,050	2,500	2,050
1984	11,350	9,750	3,000	3,400	850	2,500	1,600
	Average grower returns in dollars per ton						
1973	680.00	742.00	910.00	685.00	711.00	578.00	98.00
1974	678.00	768.00	1,085.00	620.00	705.00	576.00	100.00
1975	585.00	738.00	1,161.00	613.00	668.00	547.00	96.00
1976	522.00	716.00	1,519.00	632.00	675.00	539.00	78.10
1977	780.00	894.00	1,500.00	690.00	710.00	675.00	45.00
1978	940.00	1,238.00	1,678.00	1,043.00	1,148.00	971.00	70.00
1979	1,217.00	1,374.00	1,850.00	1,150.00	1,250.00	1,250.00	70.00
1980	888.00	1,102.00	1,350.00	990.00	1,040.00	1,030.00	90.00
1981	954.00	1,130.00	1,600.00	900.00	1,000.00	870.00	72.00
1982	820.00	1,019.00	1,580.00	750.00	830.00	780.00	65.00
1983	600.00	722.00	580.00	820.00	820.00	680.00	65.00
1984	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Table 8--Raisins: Production by variety, California, 1973-1984 a/

Crop Year	Total	Natural Dried				Dehydrated all types
		Thompson Seedless	Muscats	Sultanas	Zante Currant	
	Tons					
1973	224,000	198,700	1,600	400	2,100	20,900
1974	241,500	212,390	2,600	490	2,420	23,600
1975	283,000	253,200	2,040	520	2,800	24,440
1976	218,000	194,000 b/	420	350	3,380	19,850
1977	248,300	218,800	1,250	430	3,280	24,540
1978	172,200	147,250 c/	1,400	250	3,300	20,000
1979	302,300	263,300	1,600	500	3,400	33,500
1980	309,000	251,600	1,600	500	3,300	52,000
1981	256,000	230,070	810	420	3,700	21,000
1982	292,000	250,910 d/	370	450	3,270	37,000
1983	396,000	365,300 e/	950	500	3,250	26,000
1984	334,300	300,400	500	400	3,000	22,000
	Average grower returns in dollars per ton					
1973	754.00	755.00	723.00	701.00	723.00	758.00
1974	602.00	612.00	529.00	507.00	649.00	520.00
1975	665.00	667.00	730.00	499.00	703.00	633.00
1976	706.00	664.00 b/	1,050.00	1,050.00	1,050.00	1,050.00
1977	840.00	841.00	834.00	748.00	803.00	836.00
1978	1,067.00	1,018.00 c/	1,600.00	1,600.00	1,600.00	1,300.00
1979	1,151.00	1,153.00	1,150.00	1,049.00	1,100.00	1,142.00
1980	1,198.00	1,200.00	800.00	1,007.00	1,160.00	1,200.00
1981	1,314.00	1,320.00	950.00	1,034.00	1,240.00	1,287.00
1982	1,153.00	1,346.00 d/	1,000.00	1,165.00	1,285.00	1,208.00
1983	590.00	581.00 e/	900.00	700.00	1,173.00	953.00
1984	N/A	N/A	N/A	N/A	N/A	N/A

a/ Excludes raisins produced from table type grapes.

b/ Breakdown of 1976 Thompson Seedless raisins is as follows: 117,500 dry tons for human consumption at $1,050 per ton and 76,500 dry tons for distilling at $70.30 per tons.

c/ Breakdown of 1978 Thompson Seedless raisins is as follows: 82,250 dry tons for human consumption at $1,742 per ton and 65,000 dry tons for distilling at $101 per ton.

d/ Breakdown of the 1982 Thompson Seedless raisins is as follows: 210,910 dry tons for human consumption at $1,346 per ton and 40,000 dry tons for distilling material at $45 per ton.

e/ Breakdown of the 1983 Thompson Seedless raisins is as follows: 360,000 dry tons for human consumption at $595 per ton and 10,000 dry tons for distilling material at $102 per ton.

Table 9: CALIFORNIA NUTS: Acreage, production, price, and value, 1973-84

Crop	Year	Bearing Acres	Non-Bearing Acres	Production		Value of Utilized Production	
				Total	Per Bearing Acre	Grower Return Per Unit	Total
				Thousand Pounds		Cents per Pound	1,000 Dollars
Almonds a/ Shelled Basis	1973	213,562	68,870	155,000	726	129.0	199,660
	1974	231,196	80,491	230,000	995	74.0	170,100
	1975	248,759	82,405	186,000	748	63.7	118,400
	1976	257,854	80,538	284,000	1,100	64.8	184,032
	1977	276,496	64,844	313,000	1,130	84.5	264,485
	1978	307,684	45,293	181,000	588	145.0	262,450
	1979	324,132	41,894	376,000	1,160	153.0	575,280
	1980	326,796	62,183	322,000	985	147.0	473,340
	1981	326,206	86,178	408,000	1,250	78.0	299,520
	1982	339,317	89,357	347,000	1,020	94.0	311,140
	1983	356,223	69,029	242,000	679	104.0	231,920
	1984	379,565	N/A	580,000	1,568	N/A	N/A
				Thousand Tons		Dollar Per Ton	
Walnuts In-shell Basis	1973	158,245	50,859	174	1.10	605	105,270
	1974	163,234	46,528	155	.95	419	64,945
	1975	165,838	42,954	198	1.19	456	90,288
	1976	169,790	35,988	183	1.08	627	114,741
	1977	176,342	28,173	192	1.09	725	139,200
	1978	181,351	24,061	160	.88	1,302	208,320
	1979	179,182	22,064	208	1.16	847	176,176
	1980	179,923	23,166	197	1.09	936	184,392
	1981	175,141	22,917	225	1.28	1,014	228,150
	1982	177,958	19,606	234	1.31	1,020	238,680
	1983	176,781	18,169	199	1.13	631	125,569
	1984	175,700	N/A	210	1.20	N/A	N/A

PISTACHIOS b/: Acreage, production, price and value, California, 1977-84

Crop Year	Acreage		Production				Value of Production	
	Bearing	Non-bearing	Sold In-Shell	Sold Shelled	Total	Per Bearing Acre	Grower Return Per Pound	Total Value
			1,000 Lbs. (In-Shell Basis)			Pounds	Cents	1,000 $
1977	1,666	26,045	4,500	c/	4,500	2,700	104.0	4,680
1978	3,529	26,645	2,500	c/	2,500	708	124.0	3,100
1979	25,440	6,211	17,200	c/	17,200	676	160.0	27,520
1980	27,018	8,982	18,600	8,300	26,900	996	205.0	55,145
1981	28,109	13,084	11,300	3,200	14,500	516	136.0	19,759
1982	29,902	15,619	37,500	5,900	43,400	1,450	145.0	63,068
1983	31,060	15,738	21,000	5,400	26,400	850	142.0	37,548
1984	31,900	N/A	44,200	17,800	62,000	1,949	98.4	61,038

a/ Almonds - Inedible 1982--16,000,000 pounds; 1983--21,000,000 pounds; and 1984--13,500,000 pounds.

b/ Pistachios - Estimates not made prior to 1977 crop.

c/ Pistachios - Data not available prior to 1980.

Table 10: OLIVES a/: Total production by varieties, price, and value, California, 1978-84

Year	Manzanillo	Mission	Sevillano	Ascolano	Other Varieties	Total Production	Grower Return Per Ton	Price Per Ton	Total Value
	- - - - -	- - - -	Tons	- - - -	- - - -	- Tons -	- Dollars -	- Dollars -	1,000 Dollars
1978	92,800	4,000	22,600	6,400	200	126,000	294	303	38,178
1979	37,500	3,500	18,700	1,600	700	62,000	399	408	25,296
1980	72,600	3,600	27,400	5,100	300	109,000	359	368	40,137
1981	24,300	3,400	14,000	2,500	700	44,900	685	695	31,222
1982	109,000	5,800	23,400	7,800	500	146,500	514	517	75,795
1983	37,800	3,600	14,500	4,500	600	61,000	519	519	31,641
1984	59,200	5,200	22,400	5,000	200	92,000	494	494	45,410

OLIVES a/: Quantity canned and price by variety, California, 1978-84

Year	Manzanillo			Mission			Sevillano			Ascolano			Other Varieties			Total Canned		
	Quantity	Grower Return Per Ton	Price Per Ton	Quantity	Grower Return Per Ton	Price Per Ton	Quantity	Grower Return Per Ton	Price Per Ton	Quantity	Grower Return Per Ton	Price Per Ton	Quantity	Grower Return Per Ton	Price Per Ton	Quantity	Grower Return Per Ton	Price Per Ton
	Tons	- Dollars -		Tons	- Dollars -		Tons	- Dollars -		Tons	- Dollars -		Tons	- Dollars -		Tons	- Dollars -	
1978	72,000	334	344	3,200	244	254	19,100	366	376	4,700	399	409	100	352	362	99,100	340	350
1979	32,300	427	437	2,600	416	426	15,800	442	452	1,400	478	488	200	401	411	52,300	432	442
1980	47,700	451	461	2,900	425	435	22,600	432	442	3,500	472	482	100	406	416	76,800	445	455
1981	20,900	745	759	2,700	730	740	12,000	746	756	2,000	766	776	300	716	726	37,900	745	755
1982	69,500	576	576	4,200	555	555	18,100	583	583	5,700	563	563	500	548	548	98,000	575	575
1983	31,300	579	579	2,400	536	536	10,500	562	562	3,400	705	705	400	525	525	48,000	582	582
1984	50,100	b/	b/	3,800	b/	b/	18,600	b/	b/	4,000	b/	b/	200	b/	b/	76,700	550	550

OLIVES a/: Other than canned by style and price, California, 1978-84

Year	California Spanish Green			Greek Style			Sicilian Style			Other Uses c/			Total Other Than Canned		
	Tons	Grower Return Per Ton	Price Per Ton	Tons	Grower Return Per Ton	Price Per Ton	Tons	Grower Return Per Ton	Price Per Ton	Tons	Grower Return Per Ton	Price Per Ton	Tons	Grower Return Per Ton	Price Per Ton
		- Dollars -			- Dollars -			- Dollars -			- Dollars -			- Dollars -	
1978	9,200	155	160	800	254	259	600	172	177	16,300	98	103	26,900	124	129
1979	2,800	233	238	400	304	309	1,100	415	420	5,400	174	179	9,700	224	229
1980	17,300	140	145	100	375	380	800	435	440	14,000	158	163	32,200	156	161
1981	1,700	402	412	200	385	395	800	659	669	4,300	290	294	7,000	362	368
1982	11,600	347	357	400	465	475	1,500	601	611	35,000	396	406	48,500	391	401
1983	3,300	325	325	100	234	234	1,800	500	500	7,800	217	217	13,000	284	284
1984		b/			b/			b/			b/		15,300	213	213

a/ Data not available prior to 1978.
b/ Prices not available until January 1986.
c/ Includes halves, chopped, sliced, oil, culls, and fresh.

FOOTNOTES

Table 1

a/ Includes apples, apricots, cherries, kiwifruit, nectarines, peaches, pears, plums, pomegranates, and prunes.

b/ Kiwifruit estimates began 1980.

c/ Does not include prunes or kiwifruit values.

d/ Includes raisin, table and wine varieties.

e/ Includes almonds and walnuts.

f/ Includes pistachio acreage beginning with 1977.

g/ Includes avocados, dates, figs, and olives.

h/ Includes grapefruit, lemons, oranges, tangerines, tangelos, and tangors.

Table 2

a/ Equivalent return at first delivery point.

b/ Return at processing plant door or packinghouse door.

c/ Total production for 1981 includes 10,000 tons not harvested.

d/ Total production includes fruit not harvested for economic reasons: 1975--7,000 tons; 1976--26,000 tons; 1977--6,000 tons; 1984--10,000 tons.

e/ Total production includes fruit not havested for economic reasons: 1976-4,300 tons.

f/ 1976--Raisin and all grape total production includes 293,000 fresh tons (65,000 dry tons) laid for raisins, but not harvested due to severe weather damage.

g/ 1978--Raisin and all grape total production includes 248,000 fresh tons (55,000 dry tons) laid for raisins, but not harvested due to severe weather damage.

h/ 1982--All grape production includes 410,000 tons harvested but not sold and 280,000 tons not harvested.

i/ 1982--Raisin grape production includes 360,000 tons harvested but not sold and 60,000 tons not harvested.

j/ 1982--Table grape production includes 20,000 tons not harvested.

k/ 1982--Wine grape production includes 50,000 tons harvested but not sold and 200,000 tons not harvested.

l/ Data not available prior to 1980. Total production includes fruit harvested but not sold: 1980--1,000 tons; 1981--1,400 tons; 1982--4,000 tons; 1983--2,000 tons; 1984--1,500 tons.

m/ Total production includes fruit not harvested for the following reasons: Cullage: 1973--81,000 tons; 1974--76,000 tons;1975--81,000 tons; 1976--77,000 tons; 1977--57,500 tons; 1978--60,000 tons; 1979--45,000 tons; 1980--56,500 tons. Economic abandonment: 1975--6,000 tons; and 1976--75,000 tons.

Total production includes fruit not harvested; 1982--25,500 tons. Total production includes fruit harvested but not sold: 1981--48,000 tons; 1982--54,000 tons; 1983--32,000 tons; 1984--38,000 tons.

n/ Total production includes fruit not harvested: 1976--20,000 tons; 1984--12,500 tons.

o/ Total production includes fruit harvested but not sold: 1979--2,000 tons; 1980--1,000 tons; 1981--1,700 tons; 1982--1,600 tons; 1983--1,100 tons; 1984--1,000 tons.

Table 3

a/ Frozen included in crushed to avoid disclosure of individual operations from 1974-1983.

b/ Price of fruit only and does not include drying costs. Dried price derived from fresh price using drying ratio.

c/ Data will be available July 8, 1985.

d/ Processed fruit included in fresh market total to avoid disclosure of individual operations.

e/ Brined included in crushed from 1973-1977. Total processing from 1978-1984 includes canned, crushed, frozen and brined.

f/ Canned figs included in fresh to avoid disclosure of individual operations.

g/ Breakdown of the total 1976 raisin grapes for raisin is as follows: 141,500 dry tons (636,700 fresh tons) for human consumption at $1,050 per ton and 76,500 dry tons (344,300 fresh tons) for distilling at $70.30 per dry ton. There was an additional 65,000 dry tons (293,000 fresh tons) lost due to rain.

h/ Breakdown of the total 1978 raisin grapes is as follows: 107,200 dry tons (471,680 fresh tons) for human consumption at $1,517 per dry tons and 65,000 dry tons (286,000 fresh tons)for distilling material at $101 per dry ton. There was an additional 55,000 tons (248,000 fresh tons) lost due to severe weather damage.

i/ Breakdown of the total 1982 raisin grapes is as follows: 252,000 dry tons (1,320,000 fresh tons) for human consumption at $1,324 per ton and 40,000 dry tons (210,000 fresh tons) for distilling at $45 per dry ton. There was an additional 360,000 fresh tons harvested but not sold and 60,000 fresh tons not harvested.

j/ Data not available prior to 1980.

k/ Chopped, brined, minced, culls, and other cures included in frozen category. For a more detailed description of utilized production see Table 10.

l/ Small amount of pickled and crushed included in canned utilization.

m/ Crushed included in canned.

n/ Small amounts of dried and processed by other methods not published to prevent disclosure.

o/ Canned and frozen included in total processed to prevent disclosure, beginning 1979.

p/ Canned and fresh included in total processed to prevent disclosure.

q/ Prices not available until July 8, 1985.

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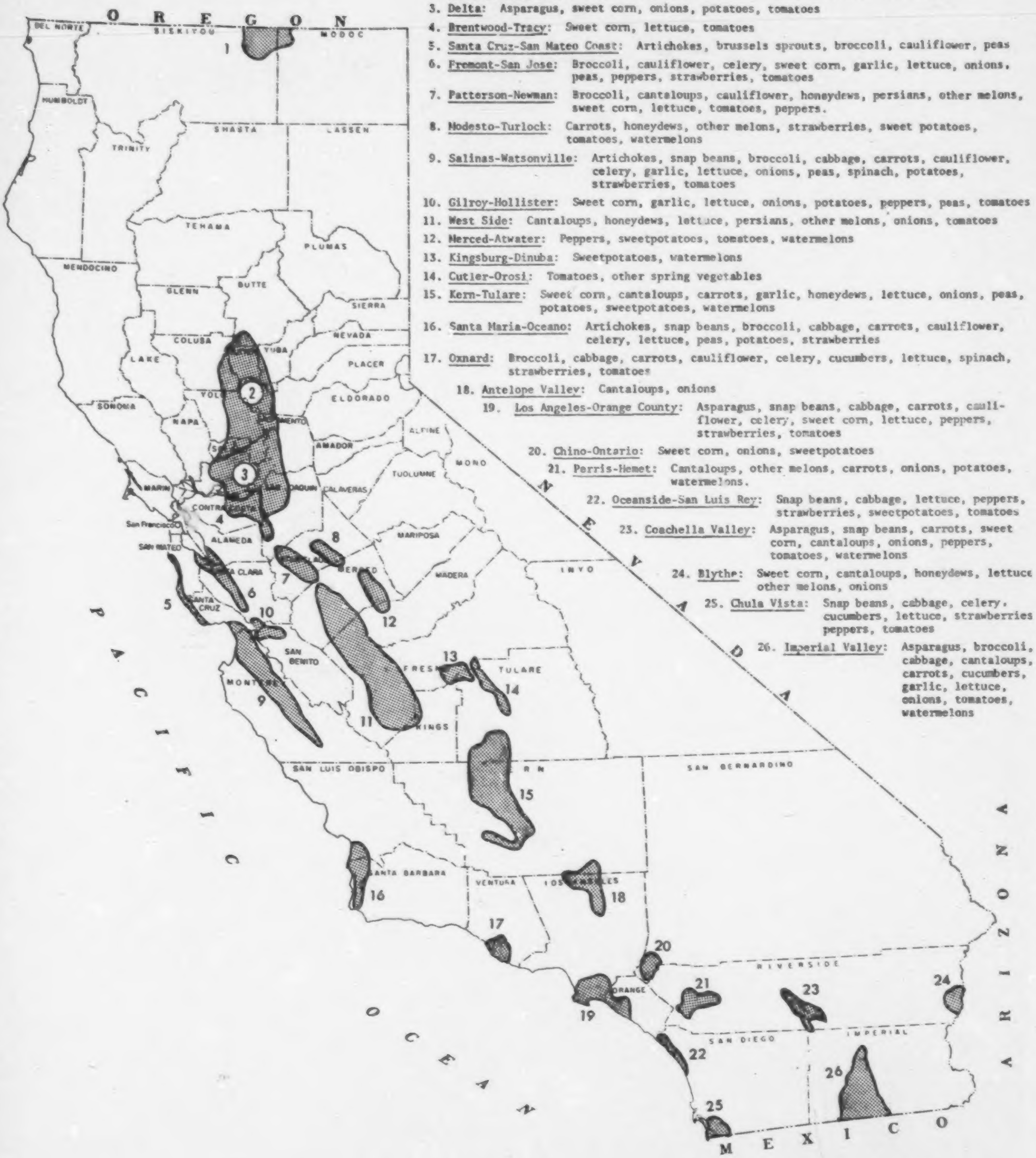
CALIFORNIA VEGETABLE CROPS

- ACREAGE, PRODUCTION & VALUE 1978-1984
- COUNTY ACREAGE 1983-1984

California Crop and Livestock Reporting Service

CALIFORNIA'S MAJOR FRESH MARKET VEGETABLE, MELON AND POTATO PRODUCING DISTRICTS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SONOMA
NAPA
EL DORADO
ALPINE
AMADOR
MONO
TUOLUMNE
CALAVERAS
MARIN
CONTRA COSTA
San Francisco
SAN MATEO
ALAMEDA
SANTA CLARA
SANTA CRUZ
MARIPOSA
MERCED
MADERA
INYO
SAN BENITO
MONTEREY
FRESNO
TULARE
KINGS
SAN LUIS OBISPO
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
ORANGE
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1. Tulelake-Butte Valley: Onions, potatoes
2. Sacramento Valley: Honeydews, persians, other melons, tomatoes, watermelons
3. Delta: Asparagus, sweet corn, onions, potatoes, tomatoes
4. Brentwood-Tracy: Sweet corn, lettuce, tomatoes
5. Santa Cruz-San Mateo Coast: Artichokes, brussels sprouts, broccoli, cauliflower, peas
6. Fremont-San Jose: Broccoli, cauliflower, celery, sweet corn, garlic, lettuce, onions, peas, peppers, strawberries, tomatoes
7. Patterson-Newman: Broccoli, cantaloups, cauliflower, honeydews, persians, other melons, sweet corn, lettuce, tomatoes, peppers.
8. Modesto-Turlock: Carrots, honeydews, other melons, strawberries, sweet potatoes, tomatoes, watermelons
9. Salinas-Watsonville: Artichokes, snap beans, broccoli, cabbage, carrots, cauliflower, celery, garlic, lettuce, onions, peas, spinach, potatoes, strawberries, tomatoes
10. Gilroy-Hollister: Sweet corn, garlic, lettuce, onions, potatoes, peppers, peas, tomatoes
11. West Side: Cantaloups, honeydews, lettuce, persians, other melons, onions, tomatoes
12. Merced-Atwater: Peppers, sweetpotatoes, tomatoes, watermelons
13. Kingsburg-Dinuba: Sweetpotatoes, watermelons
14. Cutler-Orosi: Tomatoes, other spring vegetables
15. Kern-Tulare: Sweet corn, cantaloups, carrots, garlic, honeydews, lettuce, onions, peas, potatoes, sweetpotatoes, watermelons
16. Santa Maria-Oceano: Artichokes, snap beans, broccoli, cabbage, carrots, cauliflower, celery, lettuce, peas, potatoes, strawberries
17. Oxnard: Broccoli, cabbage, carrots, cauliflower, celery, cucumbers, lettuce, spinach, strawberries, tomatoes
18. Antelope Valley: Cantaloups, onions
19. Los Angeles-Orange County: Asparagus, snap beans, cabbage, carrots, cauliflower, celery, sweet corn, lettuce, peppers, strawberries, tomatoes
20. Chino-Ontario: Sweet corn, onions, sweetpotatoes
21. Perris-Hemet: Cantaloups, other melons, carrots, onions, potatoes, watermelons.
22. Oceanside-San Luis Rey: Snap beans, cabbage, lettuce, peppers, strawberries, sweetpotatoes, tomatoes
23. Coachella Valley: Asparagus, snap beans, carrots, sweet corn, cantaloups, onions, peppers, tomatoes, watermelons
24. Blythe: Sweet corn, cantaloups, honeydews, lettuce other melons, onions
25. Chula Vista: Snap beans, cabbage, celery, cucumbers, lettuce, strawberries peppers, tomatoes
26. Imperial Valley: Asparagus, broccoli, cabbage, cantaloups, carrots, cucumbers, garlic, lettuce, onions, tomatoes, watermelons

CALIFORNIA VEGETABLE CROPS

This bulletin, prepared annually, contains the most recent estimates of acreage, production, and value for principal commercial vegetables, melons, and strawberries grown in California for the period 1978-84. Harvested acreage by county is included. Also included are tables showing 1983-84 monthly prices and sales for a number of the fresh market vegetable crops.

The vegetable and melon estimates encompass commercial production only and exclude home and farm gardens. Vegetables grown for seed are also excluded. Potato and sweetpotato estimates are shown but are excluded from the summary of all vegetable crops.

Prices for processing crops and processed segments of dual utilization crops are based upon equivalent returns at the processing plant door. For fresh market sales, the price is on a packed and loaded basis, F.O.B. shipping point.

Data presented in this publication are made possible by the cooperation of growers, processors, shippers, and other representatives of the California vegetable industry. Their cooperation is appreciated.

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United States Department of Agriculture
Statistical Reporting Service

State of California

Department of Food and Agriculture
Agricultural Statistics Branch

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Cauliflower	4-5	11
Celery	5	11
Corn, Sweet	5	11
Crenshaw Melons	6	—
Honeydew Melons	6	—
Lettuce	6	12
Mushrooms	6	—
Onions	6-7	12
Peas	7	—
Peppers, Chili	1	—
Persian Melons	7	—
Potatoes	7-8	12
Sweetpotatoes	8	12
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Tomatoes, Fresh Market	9-10	12
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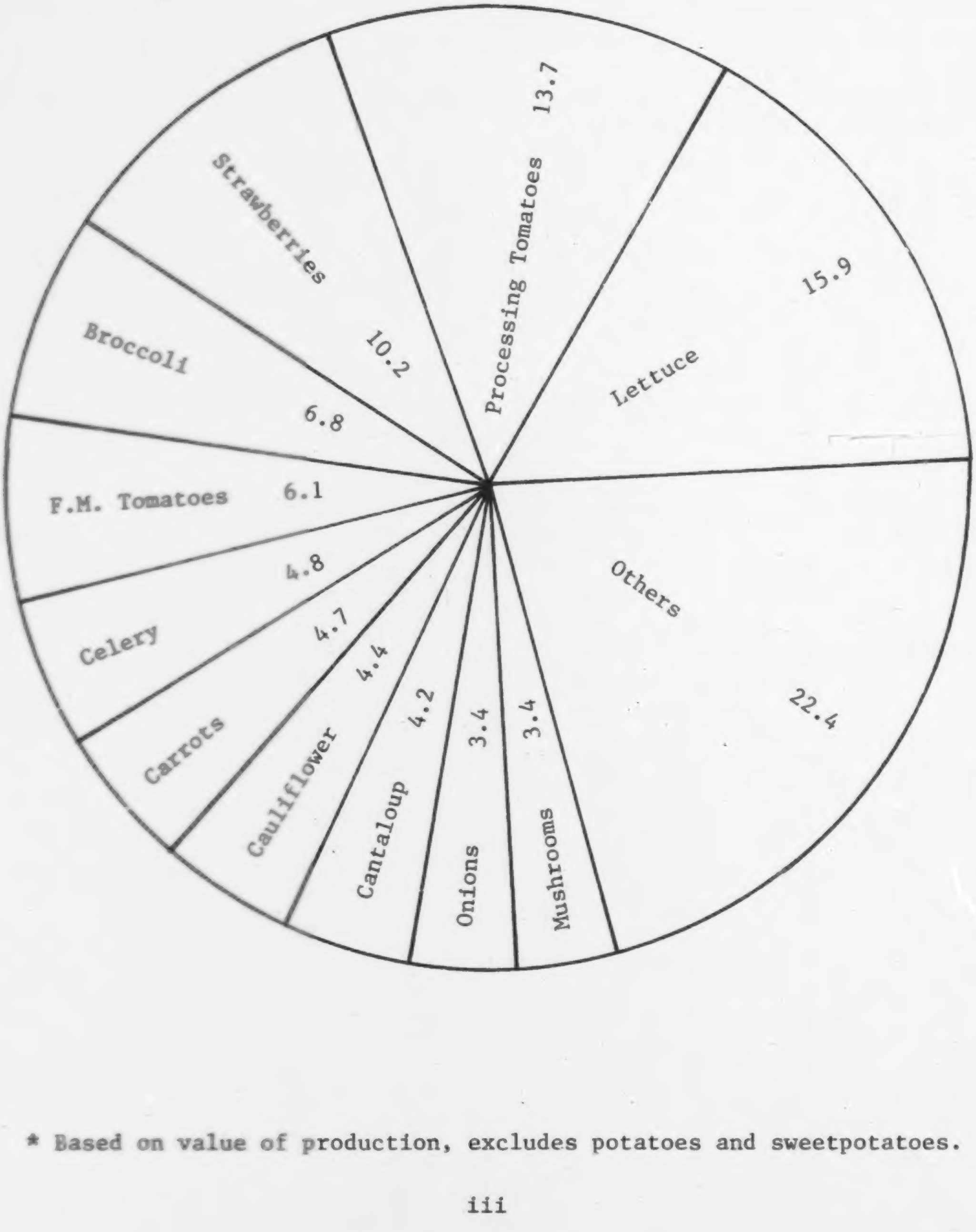
Total, All Vegetables	10	—

IMPORTANCE OF CALIFONRIA'S LEADING VEGETABLE CROPS - 1984*



* Based on value of production, excludes potatoes and sweetpotatoes.

1984 SUMMARY

California produced 14.4 million tons of vegetables from 980,000 acres in 1984. Value of production was a record $3.1 billion compared to $3.0 billion in 1983.

Total production was up 7 percent from the 1983 harvest of 13.5 million tons. Production of broccoli, carrots, cauliflower, celery, dry onions, strawberries, and processing tomatoes showed an increase from 1983 with the broccoli, carrot, cauliflower, and strawberry crops setting new production records.

Season average prices were generally below 1983 although the average value per acre continued to increase due to larger acreages of the higher value crops.

California in 1984 produced 51.2 percent of the principal fresh market crops and 55.6 percent of the major processing crops.

CALIFORNIA VEGETABLES AND MELONS: Acreage, Production and Value, 1975-84

Crop Year	Harvested Acreage	Production	Value per Acre	Total Value
	Acres	Tons	Dollars	$1,000
1975	921,660	13,350,950	1,775	1,635,948
1976	829,466	11,097,100	1,905	1,580,409
1977	914,962	13,101,750	2,069	1,893,072
1978	778,717	11,151,950	2,318	1,804,884
1979	804,148	12,480,400	2,509	2,017,334
1980	903,701	12,463,250	2,543	2,298,061
1981	870,360	12,021,250	2,939	2,558,301
1982	941,847	13,749,400	2,918	2,830,223
1983	952,706	13,459,600	3,115	2,967,300
1984	980,471	14,424,650	3,175	3,114,534

CALIFORNIA VEGETABLE CROPS SUMMARY: Processing Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield Tons	Production	Price Per Ton a/		Total Value (000)
				Tons	First Delivery Point	Processing Plant Door	
Tomatoes for Processing	1978	231,900	22.81	5,289,650	$ 53.80	$ 63.70	$ 336,951
	1979	250,000	25.40	6,350,000	56.70	67.50	428,625
	1980	208,300	26.60	5,540,780	47.70	59.70	330,785
	1981	204,300	24.00	4,903,200	50.80	64.70	317,237
	1982	232,000	26.50	6,148,000	55.60	68.50	421,138
	1983	233,500	25.58	5,972,930	53.70	65.70	392,422
	1984	239,700	27.50	6,591,750	52.00	64.80	427,145
Chili Peppers Dried	1978	6,140	1.53	9,400	---	2,022.00	9,005
	1979	5,820	2.05	11,900	---	1,030.00	12,260
	1980	6,300	1.90	11,950	---	1,080.00	12,906
	1981	7,020	2.18	15,290	---	1,099.00	16,804
	1982	4,640	1.93	8,960	---	1,113.00	9,972
	1983	4,260	1.82	7,750	---	1,130.00	8,758
	1984	3,920	2.57	10,080	---	1,136.00	11,451

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production	Price Per Cwt. a/	Total Value (000)
				1,000 Cwt.		
ASPARAGUS						
Total	1978	28,000	28	784	$ 45.00	$ 35,264
	1979	26,400	35	924	52.50	48,556
	1980	27,900	28	781	52.20	40,807
	1981	27,300	30	819	63.40	51,962
	1982	29,600	27	799	61.20	48,895
	1983	31,800	20	636	78.40	49,876
	1984	34,200	25	855	69.90	59,796
Fresh Market	1978	---	---	529	50.20	26,556
	1979	---	---	480	62.40	29,952
	1980	---	---	631	55.40	34,957
	1981	---	---	644	69.60	44,822
	1982	---	---	591	67.40	39,833
	1983	---	---	557	83.70	46,621
	1984	---	---	739	74.40	54,982
Processing	1978	---	---	255	34.10	8,708
	1979	---	---	444	41.90	18,604
	1980	---	---	150	39.00	5,850
	1981	---	---	175	40.80	7,140
	1982	---	---	208	43.60	9,062
	1983	---	---	79	41.20	3,255
	1984	---	---	116	41.50	4,814

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
BROCCOLI						
Total	1978	64,400	80	5,158	$ 18.10	$ 93,494
	1979	68,000	90	6,095	19.10	116,271
	1980	72,600	88	6,424	20.60	136,231
	1981	71,400	96	6,888	24.48	157,279
	1982	81,800	97	7,940	22.80	180,924
	1983	82,000	92	7,552	24.30	183,810
	1984	95,700	99	9,440	22.40	211,908
Fresh Market	1978	---	---	2,531	21.60	54,614
	1979	---	---	3,135	22.00	68,911
	1980	---	---	3,567	23.10	82,519
	1981	---	---	3,996	25.70	102,620
	1982	---	---	4,748	24.90	118,042
	1983	---	---	5,026	26.80	134,553
	1984	---	---	6,146	23.90	147,016
Processing	1978	---	---	2,627	14.80	38,880
	1979	---	---	2,960	16.00	47,360
	1980	---	---	2,857	18.80	53,712
	1981	---	---	2,892	18.90	54,659
	1982	---	---	3,192	19.70	62,882
	1983	---	---	2,526	19.50	49,257
	1984	---	---	3,294	19.70	64,892
BUSHBERRIES						
Boysenberries	1978	410	90	37	63.65	2,355
	1979	480	58	28	61.90	1,734
	1980	550	109	60	42.60	2,554
	1981	690	49	34	39.10	1,329
	1982	665	66	44	38.20	1,679
	1983	580	53	31	42.80	1,435
	1984	590	66	39	51.50	2,005
Olallieberries	1978	350	86	30	54.97	1,649
	1979	360	86	31	56.60	1,754
	1980	400	90	36	30.70	1,105
	1981	210	62	13	25.50	332
	1982	255	86	22	31.50	694
	1983	210	71	15	45.40	676
	1984	190	84	16	64.30	1,029
Raspberries	1978	110	91	10	132.60	1,326
	1979	110	91	10	169.30	1,693
	1980	110	82	9	213.30	1,920
	1981	140	64	9	142.30	1,281
	1982	190	68	13	168.00	2,184
	1983	260	69	18	181.00	3,122
	1984	290	76	22	180.00	3,962

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
(BUSHBERRIES CONT.)						
Total	1978	870	89	77	$ 69.20	$ 5,330
	1979	950	73	69	75.10	5,181
	1980	1,060	99	105	53.10	5,579
	1981	1,040	54	56	52.50	2,942
	1982	1,110	71	79	57.70	4,557
	1983	1,050	61	64	82.30	5,233
	1984	1,070	72	77	90.86	6,996
CANTALOUP						
Total	1978	56,700	150	8,484	9.40	79,758
	1979	52,100	151	7,865	10.40	81,475
	1980	51,900	156	8,084	12.70	102,286
	1981	55,600	175	9,730	13.30	129,409
	1982	61,500	160	9,840	11.60	114,144
	1983	62,200	150	9,330	13.30	124,089
	1984	65,400	145	9,483	13.80	130,865
CARROTS						
Desert	1978	11,900	217	2,582	7.53	19,437
	1979	11,200	229	2,568	8.78	22,537
	1980	11,700	223	2,604	9.39	24,452
	1981	9,100	276	2,511	9.86	24,760
	1982	12,100	246	2,974	10.90	32,841
	1983	12,500	249	3,113	10.30	32,172
	1984	11,200	273	3,063	13.60	41,662
Non-Desert	1978	23,500	274	6,434	8.23	52,980
	1979	25,800	299	7,722	7.77	59,979
	1980	24,900	312	7,781	8.96	69,690
	1981	24,800	291	7,224	10.80	78,146
	1982	26,400	321	8,472	9.83	83,275
	1983	27,500	310	8,515	11.00	93,498
	1984	30,100	297	8,931	11.70	104,252
Total	1978	35,400	255	9,016	8.03	72,417
	1979	37,000	278	10,290	8.02	82,516
	1980	36,600	284	10,385	9.07	94,142
	1981	33,900	287	9,735	10.60	102,906
	1982	38,500	297	11,446	10.10	116,116
	1983	40,000	291	11,628	10.80	125,670
	1984	41,300	290	11,994	12.20	145,914

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
(CARROTS CONT.)						
Fresh Market	1978	---	---	6,750	$ 9.81	$ 66,185
	1979	---	---	7,167	10.40	74,771
	1980	---	---	7,973	11.00	87,437
	1981	---	---	8,235	12.00	98,511
	1982	---	---	9,787	11.30	110,757
	1983	---	---	9,220	12.70	117,314
	1984	---	---	9,884	13.80	138,012
Processing	1978	---	---	2,266	2.75	6,232
	1979	---	---	3,123	2.48	7,745
	1980	---	---	2,412	2.78	6,705
	1981	---	---	1,500	2.93	4,395
	1982	---	---	1,659	3.23	5,359
	1983	---	---	2,408	3.47	8,356
	1984	---	---	2,110	3.75	7,902
CASABA AND SANTA CLAUS MELONS						
Total	1978	1,100	120	132	9.53	1,258
	1979	1,200	140	168	11.30	1,898
	1980	1,400	170	238	10.20	2,428
	1981	1,100	140	154	10.40	1,602
	1982	1,400	180	252	11.80	2,974
	1983	1,400	180	252	12.20	3,074
	1984	1,800	220	396	15.00	5,940
CAULIFLOWER						
Total	1978	33,400	92	3,071	18.30	56,291
	1979	33,700	95	3,187	20.10	64,187
	1980	33,900	93	3,168	22.80	72,096
	1981	36,300	109	3,940	24.30	95,784
	1982	40,000	97	3,875	25.50	98,853
	1983	41,900	95	3,965	26.50	104,965
	1984	46,200	102	4,700	29.40	138,194
Fresh Market	1978	---	---	1,372	27.40	37,602
	1979	---	---	1,991	25.80	51,390
	1980	---	---	2,068	28.30	58,456
	1981	---	---	2,548	30.70	78,106
	1982	---	---	2,455	32.30	79,328
	1983	---	---	2,747	32.20	88,522
	1984	---	---	3,519	31.30	109,968

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
(CAULIFLOWER CONT.)						
Processing	1978	---	---	1,699	$ 11.00	$ 18,689
	1979	---	---	1,196	10.70	12,797
	1980	---	---	1,100	12.40	13,640
	1981	---	---	1,392	12.70	17,678
	1982	---	---	1,420	13.80	19,525
	1983	---	---	1,218	13.50	16,443
	1984	---	---	1,181	23.90	28,226
CELERY						
South Coast	1978	11,800	508	5,999	11.40	68,428
	1979	11,200	537	6,017	9.19	55,270
	1980	11,200	560	6,271	9.11	57,118
	1981	12,200	587	7,160	8.71	62,399
	1982	11,200	659	7,375	10.20	75,474
	1983	11,400	598	6,817	12.50	85,114
	1984	10,700	643	6,882	14.20	97,484
Central Coast	1978	10,200	542	5,525	11.60	63,909
	1979	9,900	553	5,471	7.28	39,799
	1980	9,750	581	5,667	8.32	47,146
	1981	10,300	567	5,844	10.30	60,415
	1982	11,100	589	6,542	7.74	50,623
	1983	9,000	640	5,763	13.40	77,262
	1984	9,900	609	6,030	8.73	52,618
Total, All Areas	1978	22,000	524	11,524	11.50	132,337
	1979	21,100	544	11,488	8.28	95,069
	1980	20,950	570	11,938	8.73	104,264
	1981	22,500	578	13,004	9.44	122,814
	1982	22,300	624	13,917	9.06	126,097
	1983	20,400	617	12,580	12.90	162,376
	1984	20,600	627	12,912	11.60	150,102
CORN, SWEET						
Fresh Market	1978	14,100	104	1,464	9.75	14,277
	1979	13,100	107	1,384	10.20	14,062
	1980	13,150	107	1,400	10.80	15,126
	1981	13,900	108	1,501	13.20	19,784
	1982	13,800	102	1,406	12.10	16,977
	1983	14,600	108	1,576	12.40	19,479
	1984	14,200	107	1,521	14.60	22,201

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
CRENSHAW						
Total	1978	1,000	125	125	$ 13.90	$ 1,738
	1979	1,100	165	182	13.70	2,493
	1980	1,000	140	140	17.90	2,506
	1981	900	135	122	19.70	2,403
	1982	950	155	147	16.00	2,352
	1983	1,200	145	174	18.80	3,271
	1984	1,400	150	210	20.20	4,242
HONEYDEW						
Total	1978	12,900	197	2,544	8.71	22,169
	1979	12,500	193	2,413	10.40	25,089
	1980	11,900	191	2,268	11.80	26,856
	1981	13,300	180	2,394	13.40	32,080
	1982	16,500	155	2,558	11.50	29,417
	1983	15,500	185	2,868	11.00	31,548
	1984	16,300	170	2,771	12.80	35,469
LETTUCE						
Total	1978	159,400	278	44,349	9.09	402,946
	1979	160,500	278	44,673	8.25	368,521
	1980	163,600	287	46,934	8.23	386,096
	1981	156,300	294	46,027	10.10	465,205
	1982	144,900	306	44,342	10.80	478,974
	1983	151,200	292	44,078	12.30	541,803
	1984	154,500	303	46,811	10.60	494,157
MUSHROOMS						
Total	1978	377	1,382	521	90.40	47,056
	1979	478	1,628	778	90.80	70,632
	1980	506	1,573	796	92.70	73,786
	1981	550	1,516	834	96.60	80,600
	1982	547	1,600	875	102.00	88,907
	1983	546	1,637	894	111.00	99,415
	1984	581	1,867	1,085	98.60	106,967
ONIONS						
Spring	1978	5,300	300	1,590	7.57	12,036
	1979	5,600	340	1,904	10.40	19,802
	1980	5,100	330	1,683	9.77	16,443
	1981	6,000	360	2,160	18.90	40,824
	1982	7,900	355	2,805	10.10	28,331
	1983	7,600	285	2,166	10.80	23,393
	1984	7,700	355	2,734	12.00	32,808

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
(ONIONS CONT.)						
Summer	1978	27,500	300	8,250	$ 5.70	$ 45,145
	1979	29,700	320	9,504	6.09	55,669
	1980	25,000	240	6,000	7.62	44,121
	1981	22,300	315	7,025	8.37	56,969
	1982	29,700	350	10,395	6.74	68,573
	1983 b/	27,400	335	9,179	8.49	76,077
	1984 b/	26,900	365	9,819	7.73	74,003
Total	1978	32,800	300	9,840	5.81	57,181
	1979	35,300	323	11,408	6.62	75,471
	1980	30,100	255	7,683	7.88	60,564
	1981	28,300	325	9,185	10.60	97,793
	1982	37,600	351	13,200	7.34	96,904
	1983 b/	35,000	324	11,345	8.93	99,470
	1984 b/	34,600	363	12,553	8.50	106,811
PEAS						
Fresh Market	1978	1,200	30	36	27.10	976
	1979	1,200	35	42	22.60	949
	1980	1,400	44	62	29.40	1,823
	1981	1,300	38	49	32.80	1,607
	1982	1,200	32	38	39.10	1,486
	1983	1,400	33	46	36.30	1,670
	1984	1,600	35	56	32.90	1,842
PERSIAN MELONS						
Total	1978	500	100	50	12.30	615
	1979	450	105	47	13.30	625
	1980	400	180	72	16.10	1,159
	1981	450	120	54	18.90	1,021
	1982	500	120	60	14.20	852
	1983	450	140	63	16.60	1,046
	1984	400	140	56	19.30	1,081
POTATOES						
Winter	1978	3,000	230	690	8.00	5,520
	1979	3,300	240	792	9.80	7,762
	1980	3,000	235	705	7.20	5,076
	1981	3,200	280	896	12.80	11,469
	1982	3,800	245	931	9.70	9,031
	1983	4,700	270	1,269	7.55	9,581
	1984	5,600	260	1,456	9.25	13,468

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
(POTATOES CONT.)						
Spring	1978	29,000	285	8,265	$ 7.45	$ 61,574
	1979	28,000	395	11,060	4.50	49,770
	1980	22,500	390	8,775	7.30	64,058
	1981	26,400	390	10,296	11.90	122,522
	1982	25,500	375	9,563	10.60	101,368
	1983	24,500	340	8,330	9.45	78,719
	1984	28,500	390	11,115	12.00	133,380
Summer	1978	7,900	360	2,844	7.05	20,050
	1979	7,700	350	2,695	4.70	12,667
	1980	7,600	365	2,774	11.00	30,514
	1981	8,000	370	2,960	11.70	34,632
	1982	8,400	365	3,066	9.25	28,361
	1983	8,000	320	2,560	10.00	25,600
	1984	8,100	360	2,916	12.30	35,867
Fall	1978	17,300	350	6,055	5.20	31,486
	1979	17,200	370	6,364	5.30	33,729
	1980	17,400	370	6,438	9.00	57,942
	1981	18,700	370	6,919	7.05	48,779
	1982	18,500	410	7,585	6.30	47,786
	1983	19,000	410	7,790	8.90	69,331
	1984	18,200	400	7,280	8.10	58,968
Total	1978	57,200	312	17,854	6.69	118,630
	1979	56,200	372	20,911	4.97	103,928
	1980	50,500	370	18,692	5.02	157,590
	1981	56,300	374	21,071	10.30	217,402
	1982	56,200	376	21,145	8.80	186,546
	1983	56,200	355	19,949	9.20	183,231
	1984	60,400	377	22,767	10.70	241,683
SWEETPOTATOES						
Total	1978	8,700	160	1,392	14.50	20,184
	1979	9,600	170	1,632	14.20	23,174
	1980	9,000	170	1,530	17.80	26,914
	1981	8,900	185	1,647	15.70	25,858
	1982	9,200	190	1,748	11.30	19,752
	1983	8,800	195	1,716	13.60	23,338
	1984	8,000	180	1,440	14.00	20,160

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
STRAWBERRIES						
Total	1978	12,900	390	5,031	$ 28.70	$ 144,556
	1979	11,500	410	4,715	36.00	169,692
	1980	11,000	470	5,170	39.40	203,812
	1981	10,900	495	5,396	41.40	223,557
	1982	11,200	560	6,272	46.90	294,419
	1983	13,000	480	5,240	44.80	279,283
	1984	14,100	535	7,544	42.30	318,877
Fresh Market	1978	---	---	3,732	33.20	123,902
	1979	---	---	3,266	40.20	131,293
	1980	---	---	3,561	46.30	164,874
	1981	---	---	3,973	47.10	187,128
	1982	---	---	4,057	55.70	225,975
	1983	---	---	4,107	53.20	218,492
	1984	---	---	5,908	49.10	290,083
Processing	1978	---	---	1,299	15.90	20,654
	1979	---	---	1,449	26.50	38,399
	1980	---	---	1,609	24.20	38,938
	1981	---	---	1,423	25.60	36,429
	1982	---	---	2,215	30.90	68,444
	1983	---	---	2,133	28.50	60,791
	1984	---	---	1,636	17.60	28,794
TOMATOES, FRESH MARKET						
Desert	1978	2,000	235	470	27.70	13,019
	1979	2,000	170	340	27.70	9,418
	1980	1,300	245	319	35.70	11,388
	1981	1,300	235	306	23.80	7,283
	1982	1,400	235	329	35.60	11,712
	1983	1,500	220	330	32.80	10,824
	1984	1,800	225	405	25.40	10,287
Non-Desert	1978	28,800	245	7,065	18.15	128,219
	1979	27,300	244	6,671	20.10	133,873
	1980	29,200	253	7,384	20.80	153,504
	1981	28,800	255	7,344	20.40	149,818
	1982	27,300	250	6,825	18.90	128,993
	1983	27,800	280	7,784	18.90	147,118
	1984	26,100	270	7,047	25.30	178,289

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1978-84

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
(TOMATOES, FRESH MARKET CONT.)						
Total, All Areas	1978	30,800	245	7,535	$ 18.70	$ 141,238
	1979	29,300	239	7,011	20.40	143,291
	1980	30,500	253	7,703	21.40	164,892
	1981	30,100	254	7,650	20.50	157,101
	1982	28,700	249	7,154	19.70	140,705
	1983	29,300	277	8,114	19.50	157,942
	1984	27,900	267	7,452	25.30	188,576
MISCELLANEOUS VEGETABLES c/						
Total	1978	32,830	---	7,317	---	150,027
	1979	42,450	---	9,631	---	210,477
	1980	179,235	---	24,859	---	459,917
	1981	153,900	---	24,517	---	465,000
	1982	173,100	---	27,649	---	555,560
	1983	172,000	---	28,143	---	572,100
	1984	165,000	---	26,540	---	546,000
Fresh Market	1978	e/	---	---	---	---
	1979	e/	---	---	---	---
	1980	e/	---	---	---	---
	1981	101,400	---	18,791	---	395,780
	1982	105,500	---	21,429	---	475,680
	1983	108,700	---	22,563	---	492,690
	1984	101,000	---	20,100	---	460,000
Processing	1978	e/	---	---	---	---
	1979	e/	---	---	---	---
	1980	e/	---	---	---	---
	1981	52,500	---	5,726	---	69,220
	1982	67,600	---	6,220	---	79,880
	1983	63,300	---	5,580	---	79,410
	1984	64,000	---	6,440	---	86,000
TOTAL ALL VEGETABLES d/	1978	778,717	---	223,039	---	1,804,884
	1979	804,148	---	249,608	---	2,017,334
	1980	903,701	---	249,265	---	2,298,061
	1981	870,360	---	240,425	---	2,544,890
	1982	941,847	---	274,988	---	2,830,223
	1983	952,706	---	269,162	---	2,967,300
	1984	980,471	---	288,493	---	3,114,534

a/ For processing crops and the processed segment of dual utilization crops, price is based on equivalent returns at the processing plant door. For fresh market crops, price is on a packed and loaded basis, f.o.b. shipping point.

b/ Production includes some quantities not marketed because of shrinkage and loss. Shrinkage and loss excluded in computing value. Onion -- 1983 -- 220,000 cwt., 1984 -- 250,000 cwt.

c/ Miscellaneous vegetables cover a number of other vegetable crops not published separately. Included in this group are artichokes, green lima beans for processing, cabbage, cucumbers, garlic, green onions, oriental vegetables, bell peppers, watermelons, etc.

d/ Potatoes and sweetpotatoes are not included. These crops are included in field crop totals.

e/ Not available.

CALIFORNIA VEGETABLE CROPS: Harvested Acreage by Counties, 1983-84

Crop & County	1983	1984
BROCCOLI		
Fresno	550	1,450
Imperial	5,170	4,950
Kern	370	540
Monterey	44,410	57,400
Orange	340	400
Riverside	1,350	1,800
San Benito	860	750
San Luis Obispo	4,840	4,410
Santa Barbara	18,540	18,430
Tulare	250	200
Ventura	4,650	4,600
Others	670	770
Total	82,000	95,700
CANTALOUP		
Fresno	23,000	26,500
Imperial	19,250	19,080
Kern	1,900	2,000
Kings	2,500	2,800
Merced	5,700	6,900
Riverside	6,650	6,520
Others	3,200	1,600
Total	62,200	65,400
CARROTS - DESERT		
Imperial	10,060	8,500
Riverside	2,440	2,700
Total	12,500	11,200
CARROTS, NON-DESERT		
Fresno	1,560	1,360
Kern	13,700	14,920
Los Angeles	550	450
Madera	330	300
Monterey	5,200	6,400
Riverside	520	520
San Benito	240	280
San Joaquin	590	610
San Luis Obispo	1,300	1,450
Santa Barbara	1,340	1,860
Santa Clara	300	260
Stanislaus	290	180
Tulare	280	200
Others	1,300	1,310
Total	27,500	30,100

Crop & County	1983	1984
CAULIFLOWER		
Alameda	1,010	1,310
Fresno	840	1,100
Imperial	810	1,350
Monterey	22,770	26,500
Orange	760	970
Riverside	1,150	610
San Benito	340	400
San Diego	690	820
San Joaquin	300	800
San Luis Obispo	1,000	1,320
Santa Barbara	6,470	5,850
Santa Clara	700	500
Santa Cruz	1,100	1,220
Stanislaus	450	100
Tulare	850	800
Ventura	2,660	2,550
Total	41,900	46,200
CELERY - CENTRAL COAST		
Monterey	5,655	6,300
San Luis Obispo	765	870
Santa Barbara	2,245	2,340
Santa Cruz	280	310
Others	55	80
Total	9,000	9,900
CELERY - SOUTH COAST		
Imperial	415	90
Orange	980	1,050
Riverside	95	180
San Diego	515	370
Ventura	9,395	9,010
Total	11,400	10,700
SWEET CORN		
Contra Costa	880	970
Imperial	700	800
Los Angeles	1,300	1,600
Orange	1,800	2,350
Riverside	5,700	4,050
San Diego	910	920
San Mateo	110	150
Santa Barbara	190	250
Santa Clara	600	530
Santa Cruz	150	110
Solano	450	690
Sutter	200	180
Others	1,610	1,600
Total	14,600	14,200

CALIFORNIA VEGETABLE CROPS: Harvested Acreage by Counties, 1983-84

Crop & County	1983	1984
LETTUCE		
Alameda	370	350
Fresno	10,850	13,600
Imperial	40,300	35,100
Kern	7,920	8,550
Kings	2,230	1,250
Monterey	56,100	65,000
Riverside	9,600	7,400
San Benito	2,200	1,400
San Luis Obispo	9,450	9,800
San Mateo	260	160
Santa Barbara	7,150	7,900
Santa Clara	320	390
Santa Cruz	3,100	2,350
Ventura	1,230	1,130
Others	120	120
Total	151,200	154,500
ONIONS		
Fresno	9,950	9,700
Imperial	8,000	7,300
Kern	7,810	8,400
Kings	730	1,000
Los Angeles	1,600	1,000
Monterey	490	600
Riverside	1,600	2,200
San Benito	600	1,300
San Joaquin	1,900	1,700
Santa Clara	300	300
Siskiyou	340	200
Stanislaus	300	550
Others	1,380	350
Total	35,000	34,600
POTATOES - WINTER		
Kern	1,300	1,800
Riverside	3,200	3,400
San Diego	200	400
Total	4,700	5,600
POTATOES - SPRING		
Kern	24,200	28,000
Others	300	500
Total	24,500	28,500
POTATOES - SUMMER		
Riverside	3,900	3,800
San Diego	600	600
San Joaquin	1,500	1,700
Santa Barbara	700	700
Others	1,300	1,300
Total	8,000	8,100
POTATOES - FALL		
Humboldt	500	500
Modoc	6,200	6,200
Monterey	1,300	1,300
Riverside	600	500
San Benito	100	100
San Joaquin	550	500
Siskiyou	9,700	9,100
Others	50	---
Total	19,000	18,200

Crop & County	1983	1984
SWEETPOTATOES		
Fresno	800	900
Kern	100	100
Merced	7,200	6,000
San Bernardino	200	200
San Diego	300	400
Stanislaus	200	400
Total	8,800	8,000
STRAWBERRIES		
Fresno	80	250
Los Angeles	380	380
Monterey	2,950	3,200
Orange	2,450	2,700
San Bernardino	160	180
San Diego	1,200	1,200
San Luis Obispo	200	200
Santa Barbara	1,000	1,200
Santa Clara	330	320
Santa Cruz	1,750	1,650
Ventura	2,300	2,700
Others	200	120
Total	13,000	14,100
TOMATOES FOR PROCESSING		
Colusa	11,900	13,400
Contra Costa	4,550	5,400
Fresno	60,500	65,850
Kern	4,500	4,550
Merced	7,700	4,460
Monterey	1,600	1,560
Sacramento	5,400	5,150
San Benito	6,600	5,900
San Joaquin	26,400	22,880
Santa Clara	2,950	1,900
Solano	11,400	13,600
Stanislaus	10,000	12,250
Sutter	16,000	16,500
Yolo	50,100	49,450
Others	13,900	16,850
Total	233,500	239,700
TOMATOES - DESERT		
Imperial	1,450	1,500
Others	50	300
Total	1,500	1,800
TOMATOES - NON-DESERT		
Fresno	3,050	4,250
Kern	450	300
Merced	4,020	4,000
Monterey	3,400	3,200
Orange	730	600
San Diego	5,500	3,000
San Joaquin	5,400	5,800
Santa Clara	150	200
Stanislaus	2,000	1,800
Tulare	1,020	900
Ventura	890	740
Others	1,190	1,310
Total	27,800	26,100

CALIFORNIA VEGETABLE CROPS: 1983 Monthly Prices, Fresh Market Vegetables a/

Crop	Month												1983 Average
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	- - - - - - - - - - - - - - Dollars per Hundredweight - - - - - - - - - - - - - -												
Broccoli	25.40	21.10	35.70	39.80	28.20	26.50	19.80	20.80	26.70	27.30	26.00	27.50	26.80
Cantaloup	—	—	—	—	19.00	15.60	15.80	8.87	10.90	15.10	13.50	16.40	13.30
Carrots, Desert	12.30	12.20	11.40	10.30	10.70	11.00	15.20	—	—	14.70	13.70	13.90	11.30
Carrots, Other	12.10	12.70	11.60	10.40	10.80	11.20	15.70	16.00	14.90	14.70	13.90	14.00	13.30
Cauliflower	30.40	32.60	42.80	45.50	32.60	29.80	24.50	28.90	28.70	32.60	30.10	35.20	32.20
Celery, South Coast	7.06	7.81	9.33	20.30	18.60	13.20	11.00	—	—	—	16.10	16.00	12.50
Celery, Central Coast	—	—	—	—	17.00	14.70	9.93	12.00	12.20	11.50	16.70	20.60	13.40
Corn, Sweet	—	—	—	—	12.70	13.20	13.20	10.80	11.40	11.50	12.60	—	12.40
Honeydew Melons	—	—	—	—	—	16.10	14.20	9.25	9.40	11.00	13.10	19.40	11.00
Lettuce	9.15	9.26	8.02	11.40	13.70	17.60	7.97	11.00	13.20	16.20	13.20	14.10	12.30
Strawberries	—	72.00	83.60	47.30	47.40	45.70	57.00	68.40	53.70	120.00	—	—	53.20
Tomatoes, Desert	—	—	—	—	43.10	26.10	20.00	—	—	—	—	—	32.80
Tomatoes, Other	—	—	—	—	—	27.80	16.90	14.30	18.00	22.10	24.40	19.80	18.90

a/ Prices are F.O.B. shipping point.

CALIFORNIA VEGETABLE CROPS: 1983 Monthly Sales, Fresh Market Vegetables

Crop	Month												Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	- - - - - - - - - - - - - - Thousand Hundredweight - - - - - - - - - - - - - -												
Broccoli	495	446	322	347	495	370	408	357	408	408	434	536	5,026
Cantaloup	—	—	—	—	93	1,773	2,239	2,706	1,773	653	93	—	9,330
Carrots, Desert	230	230	639	715	434	256	51	—	—	6	44	88	2,693
Carrots, Other	647	493	246	277	616	801	758	517	414	448	586	724	6,527
Cauliflower	258	122	149	204	313	313	250	222	222	222	250	222	2,747
Celery, South Coast a/	1,101	1,046	991	551	771	881	165	—	—	—	420	891	6,817
Celery, Central Coast a/	—	—	—	—	14	266	877	822	768	1,206	1,371	439	5,763
Corn, Sweet	—	—	—	—	346	284	378	341	170	19	38	—	1,576
Honeydew Melons	—	—	—	—	—	86	516	860	746	402	229	29	2,868
Lettuce	3,291	3,127	2,469	3,291	4,279	4,696	4,419	4,419	4,419	4,144	2,762	2,762	44,078
Strawberries	—	82	288	904	1,273	739	329	246	205	41	—	—	4,107
Tomatoes, Desert	—	—	—	—	132	195	3	—	—	—	—	—	330
Tomatoes, Other	—	—	—	—	—	233	1,635	1,479	1,712	2,024	545	156	7,784

a/ Includes small amount of processing.

CALIFORNIA VEGETABLE CROPS: 1984 Monthly Prices, Fresh Market Vegetables a/

Crop	Month												1984 Average
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	Dollars per Hundredweight												
Broccoli	26.50	27.80	27.90	19.40	17.60	19.60	18.10	24.00	23.00	35.00	29.70	24.40	23.90
Cantaloup	---	---	---	---	18.00	15.20	12.60	12.60	12.30	20.60	17.90	---	13.80
Carrots, Desert	13.70	16.60	16.20	16.40	12.60	12.70	---	---	---	13.00	11.70	11.20	15.00
Carrots, Other	13.90	16.70	16.40	16.50	12.60	12.80	12.10	13.30	14.00	12.40	13.00	13.00	13.60
Cauliflower	37.00	29.60	28.30	30.20	27.10	31.70	29.10	34.80	29.00	32.30	42.70	30.50	31.20
Celery, South Coast	22.40	21.30	14.00	11.70	13.30	8.55	7.10	---	---	9.47	11.20	8.44	14.20
Celery, Central Coast	---	---	---	---	13.20	8.67	7.21	7.89	7.64	8.89	11.10	8.35	8.88
Corn, Sweet	---	---	---	38.10	19.60	14.20	12.20	14.40	12.90	13.30	15.60	---	14.60
Honeydew Melons	---	---	---	---	---	15.80	12.90	10.70	11.00	23.60	19.50	20.00	12.80
Lettuce	8.10	9.10	9.20	7.20	6.82	9.14	8.92	14.10	15.10	20.20	7.93	10.80	10.60
Strawberries	---	61.90	55.80	38.40	43.20	49.80	51.10	51.50	78.10	110.00	---	---	49.10
Tomatoes, Desert	---	---	---	---	27.80	22.30	---	---	---	---	---	---	25.40
Tomatoes, Other	---	---	---	---	---	22.30	28.50	36.60	21.70	22.50	22.20	22.30	25.30

a/ Prices are F.O.B. shipping point.

CALIFORNIA VEGETABLE CROPS: 1984 Monthly Sales, Fresh Market Vegetables

Crop	Month												Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	Thousand Hundredweight												
Broccoli	589	451	555	659	693	520	455	402	429	402	455	536	6,146
Cantaloup	---	---	---	---	474	1,707	2,940	2,276	1,422	379	285	---	9,483
Carrots, Desert	254	305	661	738	432	153	---	---	---	2	36	82	2,663
Carrots, Other	742	593	371	334	667	1,001	984	457	316	421	632	703	7,221
Cauliflower	249	290	353	394	477	311	275	202	231	275	231	231	3,519
Celery, South Coast a/	1,036	921	979	864	864	979	115	---	---	11	193	870	6,832
Celery, Central Coast a/	---	---	---	---	60	402	788	683	630	1,050	1,365	736	5,714
Corn, Sweet	---	---	---	7	336	317	672	112	43	17	17	---	1,521
Honeydew Melons	---	---	---	---	---	111	637	970	720	139	166	28	2,771
Lettuce	3,744	2,620	2,434	4,306	5,616	5,337	4,494	4,214	4,214	3,933	3,652	2,247	46,811
Strawberries	---	355	768	1,418	1,536	768	473	295	177	118	---	---	5,908
Tomatoes, Desert	---	---	---	---	231	174	---	---	---	---	---	---	405
Tomatoes, Other	---	---	---	---	---	916	1,480	916	1,409	1,762	423	141	7,047

a/ Includes small amount of processing.

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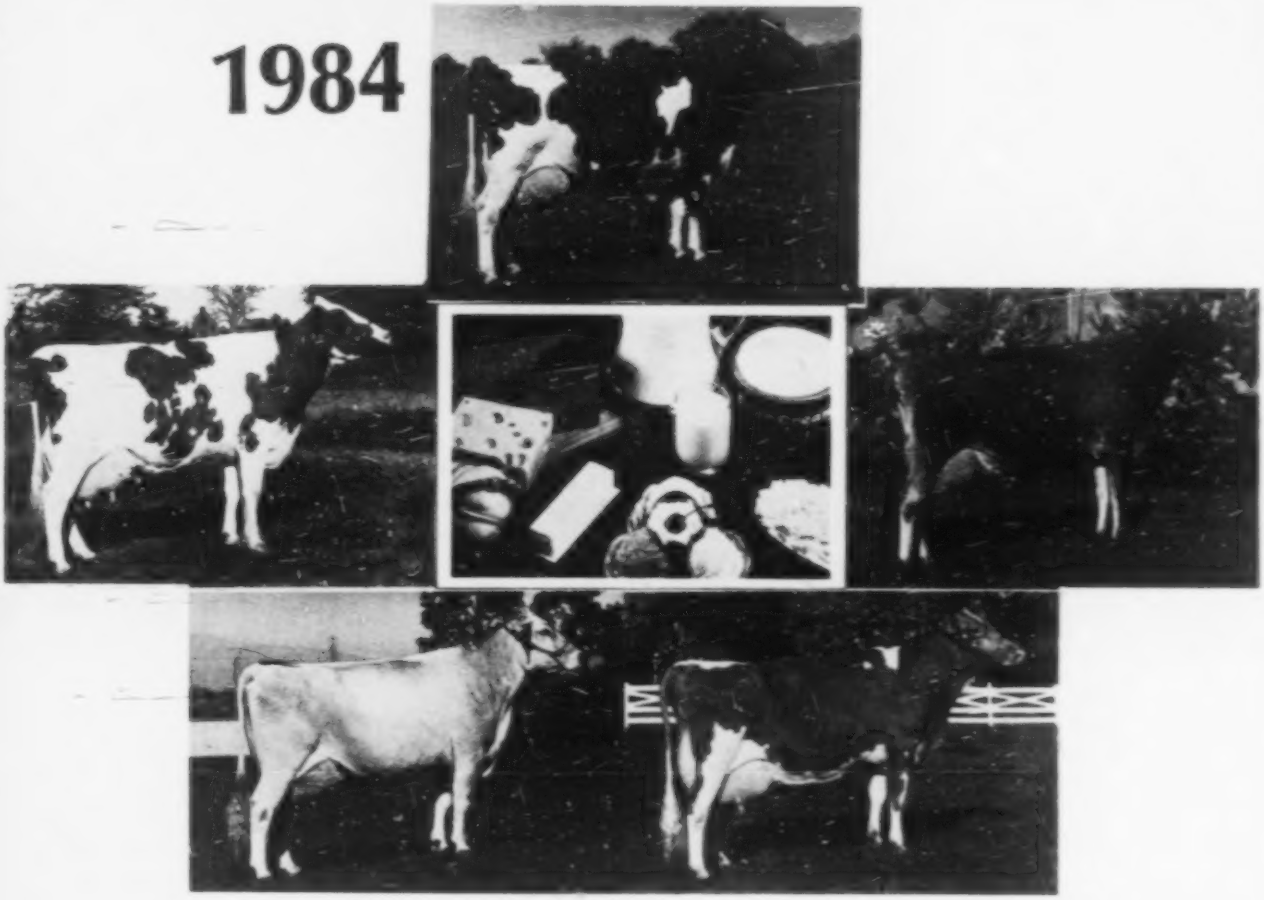
CALIFORNIA DAIRY INDUSTRY STATISTICS

1984



MANUFACTURED DAIRY PRODUCTS,
MILK PRODUCTION,
UTILIZATION AND PRICES

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DEPARTMENT OF FOOD AND AGRICULTURE
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FOREWORD

This is the forty-first annual report on Dairy Industry statistics issued by the California Crop and Livestock Reporting Service. It contains, for the year 1984, a summary of statistical data which was originally published monthly in the "Dairy Information Bulletin". Comparative figures for earlier years, and selected special reports relating to the Dairy Industry are also presented. All changes from previously published data represent either corrections of errors or revisions based on receipt of more complete information.

Most of the statistical data contained in this bulletin is based on reports filed by individuals and firms engaged in the production, manufacture, and distribution of milk and dairy products in California. Although it is not possible to list all of these reporters individually, their cooperation is acknowledged with appreciation.

Data pertaining to the United States and to states other than California were secured from various reports of the United States Department of Agriculture. Estimates of the population of California were obtained from reports of the California Department of Finance.

The invaluable assistance of the personnel of the Milk Stabilization Branch, Division of Marketing Services of the California Department of Food and Agriculture, in the compilation, organization, and presentation of data for this report is gratefully appreciated.

MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM MARKETINGS

On January 1, 1985, there were an estimated 974 thousand milk cows and heifers that had calved on farms in California. This was 12 thousand more than were estimated for January 1, 1984. The estimated number of cows milked during the year 1984 was 967 thousand. This compares with an average of 951 thousand head milked during the year 1983.

The average production of milk per cow in California during 1984 was 15,799 pounds. This was 296 pounds more than 1983. Total milk production during 1984 was 15,278 million pounds, 3.6 percent more than was produced during 1983.

Cash receipts from farm marketings of milk and cream in California during 1984 totaled approximately 1,986 million dollars. The comparable figure for 1983 was 1,945 million dollars. The increase in the annual average number of cows milked combined with the increase in average production per cow culminated in a record high production of milk in California during 1984. This production increase more than offset the effect of generally lower producer prices in 1984 resulting in the increase in total cash receipts.

As of January 1, 1985, there was an estimated total of 10,801 thousand milk cows and heifers that had calved on farms throughout the United States. This was 225 thousand head or 2.0 percent less than the number estimated for January 1, 1984. The average number of cows milked during the year 1984 was 10,840 thousand head. This was 258 thousand head less than the average for 1983.

The average production of milk per cow in the United States during 1984 was 12,495 pounds. This was 90

TABLE 1. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, CALIFORNIA, 1966-1984

Year	Milk Cows & Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 2/
	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1966	849	774	11,112	403	8,601	312	424,366
1967	841	765	11,375	413	8,702	316	443,121
1968	833	754	11,869	427	8,949	322	470,528
1969	816	746	11,928	431	8,898	321	477,054
1970	750	755	12,526	450	9,457	340	534,049
1971	758	763	12,726	458	9,710	350	560,925
1972	766	778	13,368	479	10,400	372	608,082
1973	789	792	13,045	470	10,332	372	692,976
1974	810	797	13,295	479	10,596	381	894,347
1975	800	800	13,566	492	10,853	394	997,202
1976	810	811	14,282	514	11,583	417	1,089,142
1977	809	827	14,472	517	11,968	427	1,182,467
1978	846	846	14,018	506	11,859	428	1,227,584
1979	860	871	14,424	512	12,563	446	1,453,330
1980	878	896	15,153	547	13,577	490	1,770,324
1981	910	923	15,437	554	14,248	512	1,943,229
1982	941	940	15,455	561	14,528	527	1,941,197
1983	940	951	15,503	557	14,743	529	1,944,762
1984	962	967	15,799	562	15,278	544	1,986,376
1985	974						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

pounds less than the 1983 figure which established a record high in production per cow. Total milk production during 1984 was 135,444 million pounds, 4,228 million pounds less than the production in 1983.

Cash receipts from marketings of milk and cream in the United States during 1984 totaled approximately 17,927 million dollars. The comparable figure for 1983 was 18,757 million dollars.

California accounted for 11.3 percent of the milk produced in the United States during 1984 and received 11.1 percent of the cash receipts from farm marketings of milk and cream. California ranked second among the states in the average number of milk cows on farms during 1984. It also ranked second in production of milk per cow; second in total milk production; and second in cash receipts from farm marketings of milk and cream. While Washington had more milk production per cow, Wisconsin had more cows, produced more milk, and received more from farm marketings of milk and cream than did California.

Estimates of the number of milk cows and heifers that had calved on farms by county and by crop reporting district in California at the beginning of 1984 and 1985 are given in Table 4. Of the total of 974 thousand head on farms in the State on January 1, 1985, approximately 57 percent were in the San Joaquin Valley, 30 percent in Southern California, and 6 percent in the Central Coast Counties. The five leading counties were San Bernardino, Tulare, Stanislaus, Riverside, and Merced. Together these counties accounted for about 61 percent of all the milk cows in the State.

TABLE 2. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, UNITED STATES, 1966-1984

	Milk Cows & Heifers that have calved, on farms		Average Production per milk cow		Total Production on farms		Cash Receipts from farm marketings of dairy products 2/
Year	Jan. 1 Total 1/	Annual Average	Milk	Milk Fat	Milk	Milk Fat	
	(thousands)		(pounds)		(million pounds)		(thousand dollars)
1966	15,973	14,071	8,522	314	119,912	4,426	5,533,398
1967	15,129	13,415	8,851	327	118,732	4,377	5,742,231
1968	14,456	12,832	9,135	335	117,225	4,305	5,957,282
1969	13,821	12,307	9,434	346	116,108	4,264	6,195,672
1970	13,303	12,000	9,747	357	116,962	4,283	6.525,163
1971	11,909	11,842	10,009	366	118,532	4,344	6,810,804
1972	11,778	11,698	10,250	377	119,904	4,408	7,134,676
1973	11,624	11,409	10,114	370	115,385	4,221	8,080,080
1974	11,286	11,219	10,300	378	115,553	4,238	9,430,140
1975	11,211	11,140	10,352	381	115,326	4,240	9,909,334
1976	11,087	11,055	10,879	399	120,269	4,406	11,428,455
1977	11,031	10,974	11,181	409	122,698	4,483	11,751,730
1978	10,939	10.841	11,218	412	121,609	4,462	12,689,783
1979	10,839	10,743	11,488	421	123,411	4,518	14,650,237
1980	10,769	10,810	11,889	434	128,525	4,696	16,583,532
1981	10,871	10,923	12,177	443	133,013	4,843	18,127,556
1982	11,029	11,011	12,306	450	135,505	4,950	18,233,471
1983	11,075	11,098	12,585	460	139,672	5,105	18,756,930
1984	11,026	10,840	12,495	458	135,444	4,964	17,927,099
1985	10,801						

1/ Prior to January 1, 1970, milk cows and heifers, two years old or older.

2/ All milk and cream.

TABLE 3. ESTIMATED NUMBER OF MILK COWS ON FARMS, AVERAGE PRODUCTION PER MILK COW, TOTAL PRODUCTION ON FARMS, AND CASH RECEIPTS FROM FARM MARKETINGS OF DAIRY PRODUCTS, BY STATES, 1984

State	Milk cows on farms 1/	Average production per milk cow		Total production on farms		Cash receipts from farm marketings of dairy products 2/
		Milk	Milk Fat	Milk	Milk Fat	
	(thousands)	(pounds)		(million pounds)		(thousand dollars)
Alabama	50	10,720	388	536	19	78,144
Alaska	1	12,636	445	14	1	2,777
Arizona	83	14,723	532	1,222	44	168,166
Arkansas	79	10,228	364	808	29	110,476
California	967	15,799	562	15,278	544	1,986,376
Colorado	75	12,747	461	956	35	136,501
Connecticut	48	12,708	473	610	23	88,259
Delaware	10	13,150	483	132	5	18,130
Florida	172	11,035	387	1,898	67	304,398
Georgia	120	10,650	388	1,278	46	184,690
Hawaii	12	12,231	410	148	5	29,288
Idaho	165	13,291	482	2,193	80	274,743
Illinois	224	11,737	438	2,629	98	347,085
Indiana	199	11,613	434	2,311	86	305,775
Iowa	345	11,029	407	3,805	140	473,041
Kansas	111	11,036	405	1,225	45	167,765
Kentucky	234	9,000	331	2,106	78	262,640
Louisiana	97	9,258	327	898	32	127,727
Maine	59	12,441	464	734	27	105,335
Maryland	121	12,645	464	1,530	56	212,240
Massachusetts	47	12,234	456	575	21	83,923
Michigan	394	13,579	500	5,350	197	709,538
Minnesota	887	11,647	425	10,331	377	1,290,333
Mississippi	88	9,511	346	837	30	117,847
Missouri	229	12,026	440	2,754	101	353,760
Montana	28	12,321	439	345	12	44,927
Nebraska	107	11,355	424	1,215	45	157,950
Nevada	18	14,101	503	251	9	33,210
New Hampshire	30	12,100	455	363	14	51,609
New Jersey	39	12,154	447	474	17	65,379
New Mexico	64	15,719	560	1,006	36	140,328
New York	931	12,250	448	11,405	417	1,507,994
North Carolina	130	12,685	471	1,649	61	238,800
North Dakota	100	10,360	375	1,036	38	121,770
Ohio	390	11,795	439	4,600	171	611,081
Oklahoma	107	10,561	379	1,130	41	152,668
Oregon	98	13,653	512	1,338	50	179,406
Pennsylvania	729	12,926	476	9,423	347	1,305,705
Rhode Island	4	12,222	446	44	2	6,262
South Carolina	47	11,553	448	543	21	84,880
South Dakota	162	10,438	381	1,691	62	212,893
Tennessee	208	10,346	383	2,152	80	269,691
Texas	320	12,031	428	3,850	137	548,180
Utah	82	12,671	450	1,039	37	132,975
Vermont	183	12,568	469	2,300	86	316,426
Virginia	165	11,921	436	1,967	72	269,660
Washington	212	16,340	598	3,464	127	462,687
West Virginia	34	10,853	400	369	14	49,089
Wisconsin	1,828	12,856	481	23,501	879	3,007,936
Wyoming	12	11,186	402	132	5	16,637
UNITED STATES 3/	10,840	12,495	458	135,444	4,964	17,927,099

1/ Average number during year, heifers that have not freshened excluded.

2/ All milk and cream.

3/ State totals may not add to U.S. totals because of rounding.

TABLE 4. NUMBER OF MILK COWS AND HEIFERS THAT HAVE CALVED ON FARMS IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 AND 1985 1/

County and District	1984	1985
Del Norte	2,000	1,900
Humboldt	14,000	14,100
Mendocino	1,000	1,100
North Coast	17,000	17,100
Shasta	1,200	1,500
Siskiyou	2,800	3,000
Trinity	---	---
North Central	4,000	4,500
Lassen	300	300
Modoc	50	50
Plumas	---	---
North East	350	350
Alameda	---	---
Contra Costa	2,900	2,000
Lake	---	---
Marin	14,000	12,500
Monterey	3,500	2,600
Napa	1,400	1,200
San Benito	1,300	900
San Francisco	---	---
San Luis Obispo	2,000	2,000
San Mateo	---	---
Santa Clara	5,100	4,500
Santa Cruz	300	300
Sonoma	38,500	36,000
Central Coast	69,000	62,000
Butte	1,500	1,500
Colusa	600	600
Glenn	12,600	12,600
Sacramento	21,200	23,500
Solano	1,600	1,700
Sutter	1,100	1,100
Tehama	3,400	3,300
Yolo	500	500
Yuba	1,200	1,200
Sacramento Valley	43,700	46,000
Fresno	51,000	51,000
Kern	18,000	18,000
Kings	59,000	65,500
Madera	18,000	19,500
Merced	98,000	100,000
San Joaquin	66,000	66,000
Stanislaus	102,000	105,000
Tulare	126,000	128,000
San Joaquin Valley	538,000	553,000
Alpine	---	---
Amador	50	100
Calaveras	50	50
El Dorado	100	100
Inyo	50	50
Mariposa	50	50
Mono	---	---
Nevada	50	50
Placer	550	600
Sierra	---	---
Tuolumne	50	50
Sierra Mountain	950	1,050
Imperial	500	500
Los Angeles	4,300	3,200
Orange	---	---
Riverside	96,000	102,000
San Bernardino	166,000	162,500
San Diego	15,000	14,300
Santa Barbara	4,400	4,900
Ventura	2,800	2,600
Southern California	289,000	290,000
STATE TOTAL	962,000	974,000

1/ Dairy cattle population estimated as of January 1 for each year.

COMMERCIAL PRODUCTION

Approximately 15,235 million pounds of milk were produced commercially in California during 1984. Of this amount, 14,654 million pounds were received as market grade milk and 581 million pounds were received as manufacturing grade milk. Between 1983 and 1984, the total commercial production increased 3.7 percent. Production of market grade milk increased 3.9 percent while the production of manufacturing grade milk declined 1.4 percent. Market grade milk accounted for 96.2 percent of all commercial production in 1984, compared to 96.0 percent in 1983 and 93.1 percent ten years earlier (1974).

The average milk fat content of all milk received at plants from producers in California during 1984 was 3.57 percent. That received as market milk contained an average of 3.57 percent milk fat while that received as manufacturing grade milk contained an average of 3.66 percent milk fat.

The commercial production of all milk fat in California during 1984 amounted to approximately 544 million pounds, 3.1 percent more than was produced during 1983. Market milk fat amounted to 96.1 percent of production in 1984 compared to 95.9 percent in 1983. Between 1983 and 1984, the production of market milk fat rose 3.3 percent, while that of manufacturing milk fat decreased 1.4 percent.

The San Joaquin Valley accounted for 57.0 percent of all milk produced commercially in the State during 1984. It accounted for 56.6 percent of the market milk and 69.4 percent of the manufacturing milk. Approximately 30.5 percent of all milk and 31.7 percent of the market milk was produced in Southern California. The five leading counties in market milk production in the order of their importance during 1984 were: San Bernardino, Tulare, Riverside, Stanislaus, and Merced. These five counties accounted for 62.7 percent of the State's total production of market milk. The five leading counties in manufacturing milk production were: Merced, Stanislaus, Humboldt, Glenn, and San Joaquin. These counties accounted for 84.2 percent of the State's total manufacturing milk production. The five leading counties in total milk production were: San-Bernardino, Tulare, Merced, Stanislaus, and Riverside. They accounted for 62.6 percent of the State's total production during 1984.

TABLE 5. AVERAGE MILK-FAT TEST AND COMMERCIAL PRODUCTION OF MILK FAT AND WHOLE MILK IN CALIFORNIA, BY YEARS, 1967-1984

	Milk Fat			Average Milk-Fat Test			Whole Milk		
	Market	Manu-facturing	1/ Total	Market	Manu-facturing	Total	Market	Manu-facturing	Total
	(thousand pounds)			(percent)			(thousand pounds)		
1967	277,547	33,115	310,662	3.61	3.78	3.63	7,685,955	876,187	8,562,142
1968	287,023	30,715	317,738	3.59	3.77	3.60	8,002,052	815,387	8,817,439
1969	287,435	30,081	317,516	3.61	3.76	3.62	7,970,766	799,438	8,770,204
1970	303,336	32,395	335,731	3.58	3.74	3.59	8,481,432	865,027	9,346,459
1971	309,103	36,549	345,652	3.59	3.73	3.60	8,614,289	979,836	9,594,125
1972	327,371	41,940	369,311	3.57	3.69	3.59	9,163,369	1,136,171	10,299,540
1973	335,933	32,646	368,579	3.59	3.71	3.60	9,354,250	879,237	10,233,487
1974	351,133	26,748	377,881	3.59	3.69	3.60	9,776,188	724,765	10,500,953
1975	364,795	25,960	390,755	3.63	3.73	3.63	10,060,384	695,507	10,755,891
1976	390,950	22,562	413,512	3.59	3.75	3.60	10,886,279	602,087	11,488,366
1977	405,943	18,958	424,901	3.57	3.71	3.57	11,377,410	510,659	11,888,069
1978	408,311	16,816	425,127	3.60	3.76	3.61	11,329,087	447,648	11,776,735
1979	426,183	16,881	443,064	3.54	3.67	3.55	12,029,199	459,453	12,488,652
1980	468,324	19,050	487,374	3.60	3.68	3.60	12,998,001	517,997	13,515,998
1981	490,629	19,147	509,776	3.59	3.68	3.59	13,666,750	519,852	14,186,602
1982	504,415	20,954	525,369	3.63	3.70	3.63	13,901,010	566,472	14,467,482
1983	506,076	21,556	527,632	3.59	3.66	3.59	14,104,674	588,819	14,693,493
1984	522,989	21,244	544,233	3.57	3.66	3.57	14,654,257	580,604	15,234,861
1981									
January	40,742	1,289	42,031	3.73	3.82	3.73	1,092,700	33,747	1,126,447
February	37,170	1,265	38,435	3.70	3.75	3.70	1,003,935	33,701	1,037,636
March	41,807	1,618	43,425	3.67	3.73	3.67	1,139,926	43,358	1,183,284
April	40,509	1,702	42,211	3.57	3.67	3.58	1,133,361	46,336	1,179,697
May	41.158	1,766	42,924	3.47	3.56	3.47	1,187,496	49,600	1,237,096
June	39,331	1,694	41,025	3.43	3.50	3.43	1,148,086	48,359	1,196,445
July	41,233	1,729	42,962	3.42	3.51	3.42	1,206,767	49,196	1,255,963
August	41,527	1,728	43,255	3.48	3.58	3.48	1,192,975	48,235	1,241,210
September	40,474	1,584	42,058	3.53	3.66	3.54	1,146,299	43,242	1,189,541
October	42,756	1,602	44,358	3.65	3.79	3.65	1,171,405	42,254	1,213,659
November	41,121	1.624	42.745	3.71	3.85	3.71	1,108.614	42,186	1,150,800
December	42,801	1,546	44,347	3.77	3.90	3.77	1,135,186	39,638	1,174,824
1982									
January	43,339	1,471	44,810	3.84	3.90	3.84	1,129,277	37.705	1,166,982
February	39,323	1,404	40,727	3.76	3.80	3.76	1.045,930	36,987	1,082,917
March	43,916	1,642	45,558	3.71	3.74	3.71	1,184,112	43,884	1,227,996
April	42,067	1,746	43,813	3.68	3.73	3.68	1,142,316	46,853	1,189,169
May	41,383	1,853	43,236	3.51	3.57	3.51	1,180,426	51,898	1,232,324
June	40,986	1,778	42,764	3.47	3.55	3.47	1,182,088	50,110	1,232,198
July	42,306	1,974	44,280	3.47	3.52	3.47	1,220,688	56,099	1,276,787
August	42,312	1,965	44,277	3.48	3.56	3.48	1,216,282	55,166	1,271,448
September	41,167	1,838	43,005	3.54	3.64	3.54	1,164,261	50,460	1,214,721
October	42,789	1,822	44.611	3.62	3.74	3.63	1,180,355	48,693	1,229,048
November	41,682	1,712	43,394	3.73	3.87	3.73	1,118,279	44,219	1,162,498
December	43,146	1,749	44,895	3.80	3.94	3.80	1,136,998	44,397	1,181,395
1983									
January	43,120	1,610	44,730	3.78	3.90	3.78	1,141,702	41,319	1.183,021
February	38,946	1,453	40,399	3.76	3.83	3.77	1,034,652	37,916	1,072,568
March	42,681	1,978	44,659	3.71	3.80	3.71	1,151,288	52,118	1,203,406
April	41,486	1,971	43,457	3.58	3.63	3.59	1,156,920	54,272	1,211,192
May	43,073	2,008	45,081	3.50	3.55	3.51	1,228,913	56,541	1,285,454
June	41,203	1,963	43,166	3.40	3.48	3.40	1,212,874	56,340	1,269,214
July	43,261	1,931	45,192	3.42	3.46	3.42	1,264,684	55,722	1,320,406
August	42,646	1,929	44,575	3.45	3.50	3.45	1,235,490	55,031	1,290,521
September	41,024	1,804	42,828	3.48	3.56	3.48	1,179,005	50,628	1,229,633
October	43,184	1,708	44,892	3.58	3.67	3.58	1.206,435	46,590	1,253,025
November	42,122	1,623	43,745	3.68	3.85	3.69	1,142,882	42,161	1,185,043
December	43,330	1,578	44.908	3.77	3.93	3.77	1,149,829	40,181	1,190,010
1984									
January	43,060	1,501	44,561	3.74	3.83	3.74	1,151,004	39,164	1,190,168
February	40,366	1,403	41,769	3.65	3.73	3.65	1,106,473	37,616	1,144,089
March	43,447	1,681	45,128	3.55	3.60	3.55	1,224,603	46,648	1,271,250
April	43,196	1,802	44,998	3.50	3.56	3.50	1,235,265	50,604	1,285,869
May	44,556	1,910	46,466	3.41	3.52	3.42	1,305,201	54,288	1,359,488
June	42,936	1,900	44.836	3.41	3.49	3.41	1,259,797	54,426	1,314,224
July	42,841	2,066	44,907	3.40	3.50	3.40	1,259,678	58,974	1,318,652
August	43,829	2,047	45,876	3.44	3.55	3.44	1,275,946	57,702	1,333,648
September	41,608	1,876	43,484	3.49	3.63	3.49	1,192,835	51,747	1,244,582
October	45,506	1,786	47,292	3.65	3.80	3.66	1,246,619	47,011	1,293,630
November	44,875	1,667	46,542	3.78	3.95	3.79	1.186,685	42,215	1.228,900
December	46,770	1,605	48,374	3.86	3.99	3.87	1,210,151	40,209	1,250,360

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 7, 8, 9, 10, 11, and 12.

TABLE 6. COMMERCIAL PRODUCTION OF MILK AND MILK FAT AND AVERAGE MILK FAT TEST IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	Milk [1]			Milk Fat			Average Milk Fat Test [2]		
	Market	Manufacturing	Total	Market	Manufacturing	Total	Market	Manufacturing	Total
	(thousand pounds)			(thousand pounds)			(percent)		
Del Norte	16,430	8,420	24,850	650	372	1,022	3.95	4.42	4.11
Humboldt	138,658	64,171	202,830	5,339	2,780	8,120	3.85	4.33	4.00
Mendocino	10,101	---	10,101	420	---	420	4.16	---	4.16
North Coast	165,190	72,591	237,781	6,409	3,152	9,561	3.88	4.34	4.02
Shasta	14,726	---	14,726	522	---	522	3.54	---	3.54
Siskiyou	32,972	---	32,972	1,248	---	1,248	3.78	---	3.78
Trinity	---	---	---	---	---	---	---	---	---
North Central	47,698	---	47,698	1,770	---	1,770	3.71	---	3.71
Lassen	2,128	---	2,128	78	---	78	3.69	---	3.69
Modoc	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---
North East	2,128	---	2,128	78	---	78	3.69	---	3.69
Alameda	---	1,427	1,427	---	50	50	---	3.51	3.51
Contra Costa	53,529	---	53,529	1,933	---	1,933	3.61	---	3.61
Lake	---	---	---	---	---	---	---	---	---
Marin	214,708	894	215,601	7,568	31	7,599	3.52	3.51	3.52
Monterey	65,496	---	65,496	2,393	---	2,393	3.65	---	3.65
Napa	10,820	---	10,820	384	---	384	3.55	---	3.55
San Benito	19,058	297	19,355	687	10	697	3.61	3.33	3.60
San Francisco	---	---	---	---	---	---	---	---	---
San Luis Obispo	37,054	710	37,764	1,302	26	1,328	3.51	3.65	3.52
San Mateo	---	---	---	---	---	---	---	---	---
Santa Clara	65,860	17,539	83,399	2,280	611	2,891	3.46	3.49	3.47
Santa Cruz	7,124	---	7,124	251	---	251	3.52	---	3.52
Sonoma	472,823	7,166	479,989	17,093	275	17,368	3.62	3.84	3.62
Central Coast	946,473	28,033	974,506	33,891	1,004	34,895	3.58	3.58	3.58
Butte	23,305	3,055	26,360	874	108	982	3.75	3.54	3.73
Colusa	6,002	250	6,252	216	9	225	3.60	3.63	3.60
Glenn	135,484	43,911	179,395	4,885	1,563	6,448	3.61	3.56	3.59
Sacramento	289,072	9,505	298,577	10,637	341	10,978	3.68	3.59	3.68
Solano	26,319	74	26,393	954	2	956	3.62	3.39	3.62
Sutter	13,216	1,767	14,983	481	67	548	3.64	3.78	3.66
Tehama	24,819	8,143	32,962	912	300	1,211	3.67	3.68	3.68
Yolo	9,758	---	9,758	347	---	347	3.56	---	3.56
Yuba	25,385	806	26,192	1,007	30	1,038	3.97	3.77	3.96
Sacramento Valley	553,361	67,510	620,871	20,313	2,420	22,734	3.67	3.58	3.66
Fresno	884,936	6,909	891,845	31,820	237	32,057	3.60	3.43	3.59
Kern	287,995	37	288,032	10,228	1	10,229	3.55	3.51	3.55
Kings	952,301	1,150	953,452	34,194	40	34,234	3.59	3.49	3.59
Madera	242,909	7,281	250,190	8,678	256	8,934	3.57	3.52	3.57
Merced	1,469,129	175,002	1,644,130	53,494	6,362	59,856	3.64	3.64	3.64
San Joaquin	981,788	35,364	1,017,152	35,297	1,260	36,557	3.60	3.56	3.59
Stanislaus	1,482,121	170,282	1,652,403	53,654	5,934	59,588	3.62	3.48	3.61
Tulare	1,986,100	6,323	1,992,923	71,365	242	71,607	3.59	3.55	3.59
San Joaquin Valley	8,287,279	402,348	8,690,127	298,730	14,333	313,064	3.60	3.56	3.60
Alpine	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---
El Dorado	1,047	---	1,047	38	---	38	3.67	---	3.67
Inyo	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---
Placer	10,514	202	10,716	376	7	383	3.57	3.48	3.57
Sierra	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---
Sierra Mountain	11,561	202	11,763	414	7	421	3.58	3.48	3.58
Imperial	7,546	---	7,546	284	---	284	3.77	---	3.77
Los Angeles	41,244	---	41,244	1,474	---	1,474	3.58	---	3.58
Orange	---	---	---	---	---	---	---	---	---
Riverside	1,573,511	3,001	1,576,512	55,119	105	55,224	3.50	3.49	3.50
San Bernardino	2,676,127	1,823	2,677,950	92,517	62	92,579	3.46	3.41	3.46
San Diego	230,844	341	231,185	8,056	12	8,068	3.49	3.55	3.49
Santa Barbara	62,952	---	62,952	2,252	---	2,252	3.58	---	3.58
Ventura	48,341	4,255	52,596	1,680	148	1,828	3.48	3.48	3.48
So. California	4,640,566	9,420	4,649,985	161,382	327	161,710	3.48	3.47	3.48
STATE	14,654,257	580,604	15,234,861	522,989	21,244	544,233	3.57	3.66	3.57

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[1] Totals have been determined from unrounded date. The original data may be found in Tables 7, 8, 9, 10, 11, and 12.

[2] Milk fat tests were computed from unrounded data.

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,708,011	1,289,266	1,749,355	2,008,542	2,783,426	2,468,693	2,491,625	2,233,281	1,917,601	2,218,398	1,804,082	2,177,691
Humboldt	10,205,323	10,071,812	15,563,454	19,741,218	22,698,903	21,914,021	21,785,801	20,319,142	17,746,788	16,320,948	14,137,958	12,324,609
Mendocino	799,093	750,430	894,085	887,394	924,095	853,630	855,640	877,761	905,620	854,184	760,211	739,273
North Coast	12,712,427	12,111,508	18,206,894	22,637,154	26,406.424	25,236,344	25,133,066	23,430,184	20,570,009	19,393,530	16,702,251	15,241,573
Shasta	1,302,336	1,195,050	1,291,549	1,231,527	1,308,067	1,173,391	1,184,473	1,257,684	1,141,073	1,227,551	1,188,095	1,225,058
Siskiyou	2,783,641	2,544,455	2,866,907	2,824,650	3,005,079	2,944,529	2,996,061	2,816,839	2,615,981	2,688,048	2,410,593	2,475,466
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	4,085,977	3,739,505	4,158,456	4,056,177	4,313,146	4,117,920	4,180,534	4,074,523	3,757,054	3,915,599	3,598,688	3,700,524
Lassen	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Alameda	153,846	139,733	155,110	140,445	156,498	148,050	---	179,209	---	165,064	94,904	93,753
Contra Costa	4,068,271	4,169,937	4,621,325	4,530,329	4,628,682	4,534,677	4,544,479	4,625,366	4,418,288	4,491,570	4,358,475	4,538,001
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	17,846,506	16,406,392	17,994,420	18,145,771	19,003,612	18,026,532	18,491,207	18,642,690	17,692,088	18,184,233	17,417,415	17,750,605
Monterey	5,133,485	5,045,049	5,605,337	5,772,092	6,064,928	5,835,724	6,174.756	5,215,721	5,018,960	5,326,454	4,924,436	5,379,590
Napa	934,528	869,061	954,442	920,352	965,980	929,422	987,889	1,011,932	909,006	872,730	754,419	710,682
San Benito	1,433,478	1,413,318	1.597,825	1,592,473	1,650,251	1,598,724	1.664,624	1,706,983	1,649,250	1,666,851	1,814,545	1,567,072
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,892,055	2,720,475	3,131,917	3,160,771	3,275,024	3,193,111	3,302,487	3,513,616	3,270,934	3,240,415	3,145,522	2,918,266
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,528,217	4,898,024	6,157,223	6,151,638	7,035,077	8,588,734	8,926,589	9,437,839	8,543,933	6,104,083	5,863,171	6,164,371
Santa Cruz	625,237	636,512	679,842	662,310	689,718	656,443	672,618	656,331	462,166	450,171	437,635	494,978
Sonoma	38,627,203	36,589,420	40,638,096	40,067,950	41,830,880	40,583,453	42,029,978	41,633,977	39,402,236	40,272,158	38,649,785	39,664,039
Central Coast	77,242,826	72,887,921	81,535,537	81,144,131	85,300,650	84,094,870	86,794,627	86,623,664	81,366,861	80,773,729	77,460,307	79,281,357
Butte	2,034,319	1,735,755	1,984,736	2,180,817	2,420,465	2,367,056	2,378,390	2,453,698	2,229,609	2,303,761	2,159,617	2,111,933
Colusa	387,050	534,988	597,092	557,617	559,897	535,324	525,568	546,525	502,412	508,678	493,260	503,679
Glenn	13,711,173	13,113,200	14,774,607	15,256,553	16,426,876	15,806,569	16,035,506	15,844,398	15,515,626	15,143,003	13,685,208	14,082,008
Sacramento	23,365,893	21,973,755	24.601,211	24,819,168	26,953,408	26,092,479	26,925,100	27,048,075	24,981,956	24,854,913	23,390,330	23,570,889
Solano	2,176,013	2,217,368	2,374,222	2,372,701	2,440,907	2,171,576	2,301,332	2,216,745	2,115,267	2,119,961	1,912,518	1,974,318
Sutter	1,036,747	1,058,906	1,199,566	1,317,649	1,363,115	1,311,266	1,406,664	1,323,897	1,209,823	1,280,907	1,205,225	1,269,280
Tehama	2,928,918	2,668,067	2,945,481	2,973,221	2,904,535	2,972,010	2,927,618	2,805,740	2,429,929	2,458,168	2,405,246	2,542,754
Yolo	849,574	789,385	866,858	860,471	875,871	796,093	760,465	765,345	744,275	818,834	799,395	831,392
Yuba	2,002,516	1,921,163	2,181,198	2,315,592	2,431,117	2,204,519	2,194,211	2,259,781	2,100,761	2,121,030	2,158,534	2,301,255
Sacramento Valley	48,492,203	46,012,587	51,524,971	52,653,789	56,376,191	54,256,892	55,454,854	55,264,204	51,829,658	51,609,255	48,209,333	49,187,508

CONTINUED

TABLE 7. COMMERCIAL PRODUCTION OF ALL MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	66,411,893	64,863,392	72,982,756	73,664,076	79,298,409	76,740,389	75,519,908	79,055,863	75,781,114	77,657,624	74,142,599	75,727,055
Kern	22,033,439	21,760,004	23,990,202	23,921,526	25,122,473	24,170,139	22,948,129	23,947,788	23,662,658	25,800,108	24,787,015	25,888,702
Kings	70,773,130	69,501,323	78,847,373	79,742,062	84,507,507	81,760,107	80,610,018	84,628,138	80,783,432	83,731,573	79,133,167	79,433,679
Madera	20,928,958	19,895,501	20,068,126	19,919,088	21,528,382	21,104,999	21,575,450	22,123,227	20,348,679	21,608,704	20,295,438	20,793,404
Merced	124,575,535	119,852,229	134,293,307	135,938,538	145,839,229	144,363,537	146,894,852	147,437,809	135,478,899	139,387,078	133,882,037	136,187,340
San Joaquin	79,134,964	74,666,292	82,218,935	83,221,563	88,792,323	88,223,224	91,698,337	91,901,213	85,113,789	86,837,955	82,273,464	83,070,056
Stanislaus	129,957,655	123,765,626	136,054,503	138,347,240	146,521,416	143,232,596	146,478,841	147,677,417	136,742,479	139,450,929	130,105,855	134,068,235
Tulare	154,783,024	149,590,864	165,787,178	168,743,960	178,952,755	172,111,992	168,929,717	173,684,448	164,541,023	169,374,041	161,250,541	165,173,706
San Joaquin Valley	668,598,598	643,895,231	714,242,380	723,498,053	770,562,494	751,706,983	754,655,252	770,455,903	722,452,073	743,848,012	705,870,116	720,342,177
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	81,547	85,986	88,075	91,102	90,576	86,149	86,291	89,554	83,110	83,154	88,649	93,205
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	988,197	904,830	1,007,578	877,092	900,984	847,736	988,263	981,417	878,717	875,801	716,412	748,557
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,069,744	990,816	1,095,653	968,194	991,560	933,885	1,074,554	1,070,971	961,827	958,955	805,061	841,762
Imperial	587,123	727,478	863,833	821,149	842,004	789,000	610,903	517,274	392,591	476,590	469,763	448,386
Los Angeles	3,776,897	3,696,011	3,955,208	6,438,019	6,658,743	2,096,858	2,523,075	2,403,336	2,090,253	2,601,065	2,460,456	2,544,166
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	127,084,802	121,984,001	134,498,809	133,748,887	139,948,371	134,091,403	133,154,724	134,010,618	124,601,057	133,513,608	128,876,657	130,998,826
San Bernardino	217,638,802	209,850,697	231,030,771	229,981,502	236,790,876	227,565,166	225,895,976	226,965,015	209,121,920	227,108,770	216,352,700	219,648,203
San Diego	19,446,222	18,633,750	20,170,026	19,743,461	20,294,872	19,327,923	19,065,501	18,922,565	17,957,077	19,749,178	18,884,304	18,990,055
Santa Barbara	5,166,246	4,902,993	5,421,524	5,413,698	5,869,008	5,532,462	5,574,744	5,444,385	4,925,022	4,954,128	4,834,540	4,913,010
Ventura	4,099,895	4,508,233	4,367,117	4,604,128	4,954,411	4,279,089	4,337,637	4,303,541	4,352,418	4,530,501	4,208,590	4,050,593
Southern California	377,799,987	364,303,163	400,307,288	400,750,844	415,358,285	393,681,901	391,162,560	392,566,734	363,440,338	392,933,840	376,087,010	381,593,239
STATE TOTALS	1,190,168,348	1,144,089,474	1,271,250,478	1,285,868,672	1,359,488,300	1,314,223,574	1,318,652,050	1,333,647,949	1,244,582,536	1,293,630,162	1,228,899,543	1,250,359,987

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIÈS AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	1,404,044	995,953	1,120,922	1,147,946	1,749,466	1,449,977	1,492,301	1,316,344	1,145,190	1,547,238	1,286,499	1,774,561
Humboldt	8,337,770	8,100,441	10,833,478	12,932,745	14,756,425	14,185,460	14,186,055	13,372,192	11,809,158	11,098,755	9,859,582	9,186,419
Mendocino	799,093	750,430	894,085	887,394	924,095	853,630	855,640	877,761	905,620	854,184	760,211	739,273
North Coast	10,540,907	9,846,824	12,848,485	14,968,085	17,429,986	16,489,067	16,533,996	15,566,297	13,859,968	13,500,177	11,906,292	11,700,253
Shasta	1,302,336	1,195,050	1,291,549	1,231,527	1,308,067	1,173,391	1,184,473	1,257,684	1,141,073	1,227,551	1,188,095	1,225,058
Siskiyou	2,783,641	2,544,455	2,866,907	2,824,650	3,005,079	2,944,529	2,996,061	2,816,839	2,615,981	2,688,048	2,410,593	2,475,466
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	4,085,977	3,739,505	4,158,456	4,056,177	4,313,146	4,117,920	4,180,534	4,074,523	3,757,054	3,915,599	3,598,688	3,700,524
Lassen	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	166,586	148,743	179,299	160,330	179,550	194,779	196,603	161,766	204,716	197,242	166,777	171,847
Alameda	---	---	---	---	---	---	---	---	---	---	---	---
Contra Costa	4,068,271	4,169,937	4,621,325	4,530,329	4,628,682	4,534,677	4,544,479	4,625,366	4,418,288	4,491,570	4,358,475	4,538,001
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	17,633,462	16,223,772	17,781,813	18,108,457	18,964,355	17,991,317	18,459,796	18,617,574	17,670,652	18,153,929	17,402,070	17,700,389
Monterey	5,133,485	5,045,049	5,605,337	5,772,092	6,064,928	5,835,724	6,174,756	5,215,721	5,018,960	5,326,454	4,924,436	5,379,590
Napa	934,528	869,061	954,442	920,352	965,980	929,422	987,889	1,011,932	909,006	872,730	754,419	710,682
San Benito	1,425,405	1,405,055	1,597,825	1,592,473	1,650,251	1,598,724	1,664,624	1,706,983	1,649,250	1,666,851	1,533,840	1,567,072
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	2,892,055	2,720,475	3,131,917	3,160,771	3,275,024	3,193,111	3,302,487	3,364,781	3,093,577	3,061,423	2,940,265	2,918,266
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	5,073,217	4,502,358	5,025,563	5,669,189	5,876,535	5,809,268	5,936,831	5,717,013	5,406,584	5,732,195	5,532,977	5,578,274
Santa Cruz	625,237	636,512	679,842	662,310	689,718	656,443	672,618	656,331	462,166	450,171	437,635	494,978
Sonoma	37,827,395	36,064,085	40,138,763	39,526,027	41,272,037	40,053,252	41,439,090	41,070,494	38,833,960	39,715,810	38,097,123	38,784,728
Central Coast	75,613,055	71,636,304	79,536,827	79,942,000	83,387,510	80,601,938	83,182,570	81,986,195	77,462,443	79,471,133	75,981,240	77,671,980
Butte	1,841,302	1,555,477	1,739,270	1,901,836	2,121,061	2,075,551	2,083,250	2,153,671	1,954,206	2,045,941	1,929,312	1,904,153
Colusa	371,348	520,322	577,122	534,921	535,540	511,177	501,556	522,117	480,007	487,704	473,944	486,253
Glenn	10,854,655	10,313,260	11,477,176	11,803,497	12,779,474	12,257,799	12,170,976	11,973,273	10,993,335	10,736,946	9,822,931	10,300,617
Sacramento	22,628,967	21,202,849	23,370,706	23,998,721	26,089,674	25,135,502	26,252,695	25,884,947	24,242,216	24,335,117	22,875,603	23,055,152
Solano	2,171,887	2,217,368	2,366,840	2,372,701	2,440,907	2,157,277	2,301,332	2,168,940	2,115,267	2,119,961	1,912,518	1,974,318
Sutter	930,290	959,475	1,064,181	1,163,778	1,192,312	1,117,926	1,243,881	1,158,419	1,057,926	1,138,708	1,055,321	1,134,037
Tehama	2,528,211	2,269,472	2,283,570	2,257,279	2,117,676	2,015,886	2,041,949	2,015,333	1,761,505	1,799,339	1,724,472	2,004,151
Yolo	849,574	789,385	866,858	860,471	875,871	796,093	760,465	765,345	744,275	818,834	799,395	831,392
Yuba	1,942,481	1,865,090	2,092,490	2,228,818	2,322,580	2,204,519	2,185,794	2,158,452	2,015,100	2,040,838	2,089,947	2,239,376
Sacramento Valley	44,118,715	41,692,698	45,838,213	47,122,022	50,475,095	48,271,730	49,541,898	48,800,497	45,363,837	45,523,388	42,683,443	43,929,449

CONTINUED

TABLE 8. COMMERCIAL PRODUCTION OF MARKET MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	65,938,137	64,456,195	72,481,681	73,350,096	78,899,243	76,369,556	74,287,626	78,132,135	75,026,492	77,048,891	73,718,420	75,227,362
Kern	22,033,439	21,760,004	23,978,072	23,896,707	25,122,473	24,170,139	22,948,129	23,947,788	23,662,658	25,800,108	24,787,015	25,888,702
Kings	70,757,166	69,243,460	78,805,558	79,644,863	84,407,025	81,676,094	80,425,712	84,554,146	80,572,155	83,672,766	79,121,977	79,420,296
Madera	20,528,056	19,578,088	19,696,610	19,509,595	21,102,167	20,683,713	19,208,990	21,617,342	19,780,994	20,809,183	19,947,414	20,447,006
Merced	111,409,104	107,172,886	119,552,854	120,476,279	130,000,699	128,091,339	130,511,738	131,321,315	121,402,927	125,167,560	120,845,537	123,176,464
San Joaquin	76,732,091	72,370,866	79,434,050	80,334,154	85,570,700	85,099,584	87,968,033	87,975,595	82,143,141	83,943,876	79,642,896	80,573,106
Stanislaus	116,677,669	111,110,372	122,120,551	122,893,631	131,104,760	128,380,211	131,223,383	131,853,478	122,503,313	125,662,174	116,887,860	121,703,305
Tulare	154,317,378	149,201,275	165,128,059	168,111,836	177,999,598	171,690,300	167,961,708	173,115,993	164,023,341	168,740,447	160,990,582	164,819,771
San Joaquin Valley	638,393,040	614,893,146	681,197,435	688,217,161	734,206,665	716,160,936	714,535,319	732,517,792	689,115,021	710,845,005	675,941,701	691,256,012
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	81,547	85,986	88,075	91,102	90,576	86,149	86,291	89,554	83,110	83,154	88,649	93,205
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	988,197	904,830	850,949	877,092	879,549	824,200	988,263	981,417	878,717	875,801	716,412	748,557
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	1,069,744	990,816	939,024	968,194	970,125	910,349	1,074,554	1,070,971	961,827	958,955	805,061	841,762
Imperial	587,123	727,478	863,833	821,149	842,004	789,000	610,903	517,274	[illegible]2,591	476,590	469,763	448,386
Los Angeles	3,776,897	3,696,011	3,955,208	6,438,019	6,658,743	2,096,858	2,523,075	2,403,336	2,090,253	2,601,065	2,460,456	2,544,166
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	126,671,054	121,765,998	134,297,544	133,543,581	139,589,692	133,866,113	132,852,894	133,815,024	124,159,483	133,378,339	128,725,467	130,845,859
San Bernardino	217,518,188	209,806,666	230,971,385	229,848,454	236,570,221	227,445,846	225,739,333	226,646,447	208,794,297	226,963,954	216,318,829	219,503,528
San Diego	19,446,222	18,633,750	20,065,228	19,684,410	20,294,872	19,327,923	19,065,501	18,922,565	17,938,006	19,749,178	18,884,304	18,832,028
Santa Barbara	5,166,246	4,902,993	5,421,524	5,413,698	5,869,008	5,532,462	5,574,744	5,444,385	4,925,022	4,954,128	4,834,540	4,913,010
Ventura	3,850,067	3,992,233	4,330,346	4,081,500	4,414,040	3,992,346	4,065,866	4,019,370	3,810,561	4,084,301	3,908,190	3,792,565
Southern California	377,015,797	363,525,129	399,905,068	399,830,811	414,238,580	393,050,548	390,432,316	391,768,401	362,110,213	392,207,555	375,601,549	380,879,542
STATE TOTALS	1,106,473,165	1,224,602,807	1,235,264,780	1,305,200,657	1,259,797,267	1,259,677,790	1,275,946,442	1,192,835,079	1,246,619,054	1,186,684,751	1,151,003,821	1,210,151,369

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	303,967	293,313	628,433	860,596	1,033,960	1,018,716	999,324	916,937	772,411	671,160	517,583	403,130
Humboldt	1,867,553	1,971,371	4,729,976	6,808,473	7,942,478	7,728,561	7,599,746	6,946,950	5,937,630	5,222,193	4,278,376	3,138,190
Mendocino	---	---	---	---	---	---	---	---	---	---	---	---
North Coast	2,171,520	2,264,684	5,358,409	7,669,069	8,976,438	8,747,277	8,599,070	7,863,887	6,710,041	5,893,353	4,795,959	3,541,320
Shasta	---	---	---	---	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	---	---	---	---
Alameda	153,846	139,733	155,110	140,445	156,498	148,050	---	179,209	---	165,064	94,904	93,753
Contra Costa	---	---	---	---	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	213,044	182,620	212,607	37,314	39,257	35,215	31,411	25,116	21,436	30,304	15,345	50,216
Monterey	---	---	---	---	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	8,073	8,263	---	---	---	---	---	---	---	---	280,705	---
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	148,835	177,357	178,992	205,257	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	455,000	395,666	1,131,660	482,449	1,158,542	2,779,466	2,989,758	3,720,826	3,137.349	371,888	330,194	586,097
Santa Cruz	---	---	---	---	---	---	---	---	---	---	---	---
Sonoma	799,808	525,335	499,333	541,923	558,843	530,201	590,888	563,483	568,276	556,348	552,662	879,311
Central Coast	1,629,771	1,251,617	1,998,710	1,202,131	1,913,140	3,492,932	3,612,057	4,637,469	3,904,418	1,302,596	1,479,067	1,609,377
Butte	193,017	180,278	245,466	278,981	299,404	291,505	295,140	300,027	275,403	257,820	230,305	207,780
Colusa	15,702	14,666	19,970	22,696	24,357	24,147	24,012	24,408	22,405	20,974	19,316	17,426
Glenn	2,856,518	2,799,940	3,297,431	3,453,056	3,647,402	3,548,770	3,864,530	3,871,125	4,522,291	4,406,057	3,862,277	3,781,391
Sacramento	736,926	770,906	1,230,505	820,447	863,734	956,977	672,405	1,163,128	739,740	519,796	514,727	515,737
Solano	4,126	---	7,382	---	---	14,299	---	47,805	---	---	---	---
Sutter	106,457	99,431	135,385	153,871	170,803	193,340	162,783	165,478	151,897	142,199	149,904	135,243
Tehama	400,707	398,595	661,911	715,942	786,859	956,124	885,669	790,407	668,424	658,829	680,774	538,603
Yolo	---	---	---	---	---	---	---	---	---	---	---	---
Yuba	60,035	56,073	88,708	86,774	108,537	---	8,417	101,329	85,661	80,192	68,587	61,879
Sacramento Valley	4,373,488	4,319,889	5,686,758	5,531,767	5,901,096	5,985,162	5,912,956	6,463,707	6,465,821	6,085,867	5,525,890	5,258,059

CONTINUED

TABLE 9. COMMERCIAL PRODUCTION OF MANUFACTURING MILK IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	473,756	407,197	501,075	313,980	399,166	370,833	1,232,282	923,728	754,622	608,733	424,179	499,693
Kern	---	---	12,130	24,819	---	---	---	---	---	---	---	---
Kings	15,964	257,863	41,815	97,199	100,482	84,013	184,306	73,992	211,277	58,807	11,190	13,383
Madera	400,902	317,413	371,516	409,493	426,215	421,286	2,366,460	505,885	567,685	799,521	348,024	346,398
Merced	13,166,431	12,679,343	14,740,453	15,462,259	15,838,530	16,272,198	16,383,114	16,116,494	14,075,972	14,219,518	13,036,500	13,010,876
San Joaquin	2,402,873	2,295,426	2,784,885	2,887,409	3,221,623	3,123,640	3,730,304	3,925,618	2,970,648	2,894,079	2,630,568	2,496,950
Stanislaus	13,279,986	12,655,254	13,933,952	15,453,609	15,416,656	14,852,385	15,255,458	15,823,939	14,239,166	13,788,755	13,217,995	12,364,930
Tulare	465,646	389,589	659,119	632,121	953,157	421,692	968,009	568,455	517,682	633,594	259,959	353,935
San Joaquin Valley	30,205,558	29,002,085	33,044,945	35,280,892	36,355,829	35,546,047	40,119,933	37,938,111	33,337,052	33,003,007	29,928,415	29,086,165
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	---	---	156,629	---	21,435	23,536	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	---	---	156,629	---	21,435	23,536	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	413,748	218,003	201,265	205,306	358,679	225,290	301,830	195,594	441,574	135,269	151,190	152,967
San Bernardino	120,614	44,031	59,386	133,048	220,655	119,320	156,643	318,568	327,623	144,816	33,871	144,675
San Diego	---	---	104,798	59,051	---	---	---	---	19,071	---	---	158,027
Santa Barbara	---	---	---	---	---	---	---	---	---	---	---	---
Ventura	249,828	516,000	36,771	522,628	540,371	286,743	271,771	284,171	541,857	446,200	300,400	258,028
Southern California	784,190	778,034	402,220	920,033	1,119,705	631,353	730,244	798,333	1,330,125	726,285	485,461	713,697
STATE TOTALS	39,164,527	37,616,309	46,647,671	50,603,892	54,287,643	54,426,307	58,974,260	57,701,507	51,747,457	47,011,108	42,214,792	40,208,618

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	70,781	53,419	71,225	80,630	110,675	99,018	100,663	91,561	81,307	94,115	77,629	91,006
Humboldt	423,657	401,098	606,323	753,975	863,014	843,106	845,282	805,306	727,150	695,543	616,707	538,426
Mendocino	34,502	30,714	36,301	35,761	36,886	34,483	34,525	36,310	38,186	36,136	33,505	32,479
North Coast	528,940	485,231	713,849	870,366	1,010,575	976,607	980,470	933,177	846,643	825,794	727,841	661,911
Shasta	48,000	43,224	43,912	40,643	44,526	40,473	40,558	43,513	40,170	43,976	45,842	47,254
Siskiyou	110,873	98,368	109,389	106,591	108,729	104,265	104,420	100,280	97,778	106,475	98,462	102,357
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	158,873	141,592	153,301	147,234	153,255	144,738	144,978	143,793	137,948	150,451	144,304	149,611
Lassen	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Alameda	5,719	5,107	5,359	4,821	5,150	4,984	---	5,922	---	5,948	3,559	3,584
Contra Costa	154,038	153,651	164,500	163,218	163,130	159,604	158,282	164,142	157,375	160,652	162,610	172,001
Lake	---	---	---	---	---	---	--	---	---	---	---	---
Marin	649,842	581,512	617,054	606,286	630,261	613,863	635,[illegible]4	653,452	634,790	664,622	650,246	662,300
Monterey	197,933	188,288	203,535	204,514	216,880	208,909	215,426	185,372	180,906	197,924	186,348	207,020
Napa	35,112	31,720	34,122	31,946	32,875	31,227	33,150	34,895	31,656	30,816	29,293	27,520
San Benito	55,564	52,683	58,512	56,397	56,794	55,252	56,217	58,728	58,244	60,133	68,127	60,668
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	106,123	96,441	109,396	107,733	109,452	106,352	111,623	119,507	112,529	116,210	118,504	113,955
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	201,660	176,093	218,289	212,798	245,217	290,323	299,050	317,851	293,933	206,917	208,506	220,615
Santa Cruz	23,275	22,493	24,079	23,405	23,521	22,167	22,544	22,797	16,619	16,241	16,177	17,528
Sonoma	1,442,608	1,334,441	1,442,244	1,397,197	1,441,198	1,411,504	1,471,367	1,487,306	1,438,562	1,501,681	1,480,696	1,518,997
Central Coast	2,871,874	2,642,429	2,877,090	2,808,315	2,924,428	2,904,185	3,002,753	3,049,972	2,924,614	2,961,144	2,924,066	3,004,188
Butte	79,623	66,082	73,375	79,007	85,028	81,976	82,799	87,880	82,706	89,511	87,150	87,141
Colusa	14,603	19,898	21,185	19,105	18,897	18,243	17,915	19,122	17,811	19,108	19,493	19,634
Glenn	527,045	487,643	533,175	536,507	562,228	536,404	538,820	541,922	549,149	560,900	528,453	545,897
Sacramento	908,168	834,412	903,486	893,310	939,185	906,969	928,541	953,118	901,495	942,058	925,622	941,384
Solano	84,596	83,627	85,804	83,952	85,298	74,273	79,120	78,286	75,603	77,359	72,838	75,531
Sutter	40,201	40,066	44,184	46,637	46,821	44,702	47,846	46,652	43,940	48,684	47,657	50,257
Tehama	113,427	99,725	106,554	107,150	102,223	101,209	100,374	97,846	87,905	93,388	97,594	103,866
Yolo	31,299	28,607	30,860	29,903	29,949	27,924	26,373	26,874	26,357	29,220	29,442	30,686
Yuba	83,870	77,486	86,788	89,987	91,710	82,303	81,467	87,133	82,456	86,783	90,616	97,069
Sacramento Valley	1,882,832	1,737,546	1,885,411	1,885,558	1,961,339	1,874,003	1,903,255	1,938,833	1,867,422	1,947,011	1,898,865	1,951,465

CONTINUED

TABLE 10. COMMERCIAL PRODUCTION OF ALL MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,514,747	2,401,840	2,622,879	2,588,677	2,706,826	2,624,875	2,597,562	2,746,026	2,653,122	2,867,040	2,803,381	2,930,212
Kern	814,037	790,827	852,233	835,126	853,997	814,420	772,162	813,515	808,718	937,809	939,826	996,201
Kings	2,688,796	2,569,895	2,813,629	2,803,901	2,906,306	2,796,409	2,769,366	2,928,544	2,831,446	3,067,054	2,983,137	3,076,025
Madera	790,024	735,341	713,518	688,823	725,953	710,133	722,030	758,534	710,953	798,145	773,701	807,177
Merced	4,762,280	4,503,267	4,871,244	4,834,221	5,055,902	4,977,399	5,045,675	5,169,468	4,853,812	5,214,958	5,191,332	5,376,096
San Joaquin	2,966,726	2,755,354	2,961,494	2,959,217	3,068,839	3,012,931	3,106,082	3,172,310	2,999,285	3,194,516	3,144,758	3,215,747
Stanislaus	4,939,154	4,626,030	4,917,765	4,889,271	5,051,844	4,917,543	4,980,527	5,091,962	4,840,743	5,159,415	4,979,952	5,194,324
Tulare	5,866,519	5,532,495	5,952,985	5,929,830	6,117,775	5,846,028	5,787,387	5,979,520	5,737,138	6,262,685	6,142,235	6,452,711
San Joaquin Valley	25,342,283	23,915,049	25,705,747	25,529,066	26,487,442	25,699,738	25,780,791	26,659,879	25,435,217	27,501,622	26,958,322	28,048,493
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	3,046	3,165	3,187	3,313	3,201	3,077	3,086	3,125	3,047	3,153	3,499	3,580
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	36,600	32,280	35,552	30,421	30,673	29,073	33,993	34,033	31,354	32,733	27,476	28,576
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	39,646	35,445	38,739	33,734	33,874	32,150	37,079	37,158	34,401	35,886	30,975	32,156
Imperial	23,104	27,336	31,823	30,537	30,668	28,104	21,587	19,153	15,137	19,133	19,512	18,461
Los Angeles	141,994	137,262	142,243	223,439	216,369	73,583	88,523	86,502	75,339	95,732	94,273	99,101
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,642,209	4,327,444	4,616,105	4,617,376	4,727,263	4,522,629	4,466,890	4,513,051	4,191,418	4,759,374	4,798,860	5,041,617
San Bernardino	7,874,021	7,324,905	7,919,002	7,822,458	7,857,900	7,586,075	7,499,918	7,528,564	7,021,685	7,954,886	7,906,783	8,282,758
San Diego	704,601	649,406	693,707	673,979	688,809	653,467	635,453	630,917	608,938	696,934	698,697	732,846
Santa Barbara	193,422	180,739	194,669	190,429	198,748	189,107	190,599	187,794	171,792	181,248	182,813	190,168
Ventura	150,745	158,922	150,148	159,886	168,455	144,562	147,356	141,421	145,850	155,349	150,549	155,008
Southern California	13,730,096	12,806,014	13,747,697	13,718,104	13,888,212	13,197,527	13,050,326	13,107,402	12,230,159	13,862,656	13,851,487	14,519,959
STATE TOTALS	44,560,951	41,768,977	45,128,467	44,998,209	46,465,556	44,835,865	44,906,650	45,876,025	43,483,826	47,291,848	46,542,245	48,374,441

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	56,605	40,529	44,821	45,205	67,848	55,400	57,183	51,041	45,747	62,090	52,066	71,036
Humboldt	336,599	316,165	411,854	477,910	538,362	521,238	525,290	505,968	460,278	449,756	409,972	386,103
Mendocino	34,502	30,714	36,301	35,761	36,886	34,483	34,525	36,310	38,186	36,136	33,505	32,479
North Coast	427,706	387,408	492,976	558,876	643,096	611,121	616,998	593,319	544,211	547,982	495,543	489,618
Shasta	48,000	43,224	43,912	40,643	44,526	40,473	40,558	43,513	40,170	43,976	45,842	47,254
Siskiyou	110,873	98,368	109,389	106,591	108,729	104,265	104,420	100,280	97,778	106,475	98,462	102,357
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	158,873	141,592	153,301	147,234	153,255	144,738	144,978	143,793	137,948	150,451	144,304	149,611
Lassen	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	6,407	5,671	6,633	5,832	6,431	6,917	6,998	5,811	7,422	7,284	6,385	6,658
Alameda	---	---	---	---	---	---	---	---	---	---	---	---
Contra Costa	154,038	153,651	164,500	163,218	163,130	159,604	158,282	164,142	157,375	160,652	162,610	172,001
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	642,160	575,124	609,725	605,009	628,941	612,755	634,021	652,560	634,022	663,389	649,722	660,518
Monterey	197,933	188,288	203,535	204,514	216,880	208,909	215,426	185,372	180,906	197,924	186,348	207,020
Napa	35,112	31,720	34,122	31,946	32,875	31,227	33,150	34,895	31,656	30,816	29,293	27,520
San Benito	55,246	52,375	58,512	56,397	56,794	55,252	56,217	58,728	58,244	60,133	58,864	60,668
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	106,123	96,441	109,396	107,733	109,452	106,352	111,623	114,470	106,293	109,581	110,465	113,955
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	185,735	162,245	176,859	198,392	199,666	196,298	193,386	189,486	184,168	195,206	196,963	201,471
Santa Cruz	23,275	22,493	24,079	23,405	23,521	22,167	22,544	22,797	16,619	16,241	16,177	17,528
Sonoma	1,411,648	1,314,349	1,423,774	1,377,831	1,421,094	1,392,184	1,449,787	1,466,355	1,416,811	1,479,667	1,457,969	1,481,226
Central Coast	2,811,270	2,596,686	2,804,502	2,768,445	2,852,353	2,784,748	2,874,436	2,888,805	2,786,094	2,913,609	2,868,411	2,941,907
Butte	72,321	59,510	64,799	69,568	75,110	72,093	72,901	77,599	72,977	79,972	78,130	79,034
Colusa	13,995	19,350	20,471	18,319	18,071	17,365	17,091	18,266	17,000	18,313	18,735	18,953
Glenn	416,291	383,738	416,019	417,473	439,406	415,807	409,424	409,903	390,222	400,240	384,496	402,372
Sacramento	879,969	805,425	862,620	864,104	909,275	874,441	905,684	912,287	875,143	922,273	905,192	920,382
Solano	84,449	83,627	85,533	83,952	85,298	73,784	79,120	76,700	75,603	77,359	72,838	75,531
Sutter	35,857	36,157	39,083	41,022	40,742	37,894	41,958	40,536	38,153	43,010	41,611	44,823
Tehama	97,612	84,907	82,230	81,635	74,457	70,063	69,551	69,952	63,175	67,527	69,056	81,384
Yolo	31,299	28,607	30,860	29,903	29,949	27,924	26,373	26,874	26,357	29,220	29,442	30,686
Yuba	81,452	75,310	83,507	86,862	87,904	82,303	81,205	83,436	79,235	83,625	87,863	94,595
Sacramento Valley	1,713,245	1,576,631	1,685,122	1,692,838	1,760,212	1,671,674	1,703,307	1,715,553	1,637,865	1,721,539	1,687,363	1,747,760

CONTINUED

TABLE 11. COMMERCIAL PRODUCTION OF MARKET MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	2,497,500	2,387,428	2,605,890	2,578,374	2,694,248	2,613,268	2,556,765	2,715,571	2,627,723	2,844,777	2,787,351	2,911,107
Kern	814,037	790,827	851,789	834,272	853,997	814,420	772,162	813,515	808,718	937,809	939,826	996,201
Kings	2,688,190	2,561,082	2,812,226	2,800,461	2,902,929	2,793,470	2,763,152	2,925,954	2,823,833	3,064,851	2,982,735	3,075,516
Madera	774,640	723,400	700,195	674,487	711,535	695,928	643,019	741,057	691,164	769,099	760,345	793,442
Merced	4,260,535	4,028,704	4,345,490	4,288,161	4,509,129	4,425,495	4,483,817	4,604,416	4,350,242	4,677,303	4,672,878	4,847,832
San Joaquin	2,874,712	2,670,344	2,862,817	2,858,198	2,959,022	2,907,932	2,980,399	3,039,082	2,895,600	3,088,779	3,042,888	3,116,895
Stanislaus	4,442,605	4,164,446	4,429,935	4,361,361	4,541,832	4,426,986	4,478,174	4,563,391	4,357,886	4,670,118	4,489,390	4,728,470
Tulare	5,848,812	5,518,243	5,929,348	5,907,637	6,084,239	5,831,982	5,754,169	5,959,973	5,719,331	6,239,635	6,132,360	6,439,135
San Joaquin Valley	24,201,031	22,844,474	24,537,690	24,302,951	25,256,931	24,509,481	24,431,657	25,362,959	24,274,497	26,292,371	25,807,773	26,908,598
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	3,046	3,165	3,187	3,313	3,201	3,077	3,086	3,125	3,047	3,153	3,499	3,580
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	36,600	32,280	29,964	30,421	29,992	28,329	33,993	34,033	31,354	32,733	27,476	28,576
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	39,646	35,445	33,151	33,734	33,193	31,406	37,079	37,158	34,401	35,886	30,975	32,156
Imperial	23,104	27,336	31,823	30,537	30,668	28,104	21,587	19,153	15,137	19,133	19,512	18,461
Los Angeles	141,994	137,262	142,243	223,439	216,369	73,583	88,523	86,502	75,339	95,732	94,273	99,101
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	4,626,626	4,319,022	4,609,072	4,610,131	4,715,383	4,515,004	4,456,962	4,506,807	4,176,805	4,754,656	4,793,328	5,035,636
San Bernardino	7,869,680	7,323,252	7,917,113	7,818,040	7,850,792	7,582,234	7,494,590	7,517,963	7,011,006	7,949,520	7,905,493	8,277,131
San Diego	704,601	649,406	690,308	672,015	688,809	653,467	635,453	630,917	608,311	696,934	698,697	726,719
Santa Barbara	193,422	180,739	194,669	190,429	198,748	189,107	190,599	187,794	171,792	181,248	182,813	190,168
Ventura	142,001	140,862	148,860	141,594	149,542	134,526	137,844	132,167	126,885	139,732	140,035	145,977
Southern California	13,701,428	12,777,879	13,734,088	13,686,185	13,850,311	13,176,025	13,025,558	13,081,303	12,185,275	13,836,955	13,834,151	14,493,193
STATE TOTALS	43,059,606	40,365,786	43,447,463	43,196,095	44,555,782	42,936,110	42,841,011	43,828,701	41,607,713	45,506,077	44,874,905	46,769,501

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Del Norte	14,176	12,890	26,404	35,425	42,827	43,618	43,480	40,520	35,560	32,025	25,563	19,970
Humboldt	87,058	84,933	194,469	276,065	324,652	321,868	319,992	299,338	266,872	245,787	206,735	152,323
Mendocino	---	---	---	---	---	---	---	---	---	---	---	---
North Coast	101,234	97,823	220,873	311,490	367,479	365,486	363,472	339,858	302,432	277,812	232,298	172,293
Shasta	---	---	---	---	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---	---	---	---	---
North Central	---	---	---	---	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---	---	---	---	---
North East	---	---	---	---	---	---	---	---	---	---	---	---
Alameda	5,719	5,107	5,359	4,821	5,100	4,984	---	5,922	---	5,948	3,559	3,584
Contra Costa	---	---	---	---	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---	---	---	---	---
Marin	7,682	6,388	7,329	1,277	1,320	1,108	1,073	892	768	1,233	524	1,782
Monterey	---	---	---	---	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---	---	---	---	---
San Benito	318	308	---	---	---	---	---	---	---	---	9,263	---
San Francisco	---	---	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	5,037	6,236	6,629	8,039	---
San Mateo	---	---	---	---	---	---	---	---	---	---	---	---
Santa Clara	15,925	13,848	41,430	14,406	45,551	94,025	105,664	128,365	109,765	11,711	11,543	19,144
Santa Cruz	---	---	---	---	---	---	---	---	---	---	---	---
Sonoma	30,960	20,092	18,470	19,366	20,104	19,320	21,580	20,951	21,751	22,014	22,727	37,771
Central Coast	60,604	45,743	72,588	39,870	72,075	119,437	128,317	161,167	138,520	47,535	55,655	62,281
Butte	7,302	6,572	8,576	9,439	9,918	9,883	9,898	10,281	9,729	9,539	9,020	8,107
Colusa	608	548	714	786	826	878	824	856	811	795	758	681
Glenn	110,754	103,905	117,156	119,034	122,822	120,597	129,396	132,019	158,927	160,660	143,957	143,525
Sacramento	28,199	28,987	40,866	29,206	29,910	32,528	22,857	40,831	26,352	19,785	20,430	21,002
Solano	147	---	271	---	---	489	---	1,586	---	---	---	---
Sutter	4,344	3,909	5,101	5,615	6,079	6,808	5,888	6,116	5,787	5,674	6,046	5,434
Tehama	15,815	14,818	24,324	25,515	27,766	31,146	30,823	27,894	24,730	25,861	28,538	22,482
Yolo	---	---	---	---	---	---	---	---	---	---	---	---
Yuba	2,418	2,176	3,281	3,125	3,806	---	262	3,697	3,221	3,158	2,753	2,474
Sacramento Valley	169,587	160,915	200,289	192,720	201,127	202,329	199,948	223,280	229,557	225,472	211,502	203,705

CONTINUED

TABLE 12. COMMERCIAL PRODUCTION OF MANUFACTURING MILK FAT IN CALIFORNIA, BY COUNTIES AND DISTRICTS, 1984 - CONTINUED

County and District	January	February	March	April	May	June	July	August	September	October	November	December
						(pounds)						
Fresno	17,247	14,412	16,989	10,303	12,578	11,607	40,797	30,455	25,399	22,263	16,030	19,105
Kern	---	---	444	854	---	---	---	---	---	---	---	---
Kings	606	8,813	1,403	3,440	3,377	2,939	6,214	2,590	7,613	2,203	402	509
Madera	15,384	11,941	13,323	14,336	14,418	14,205	79,011	17,477	19,789	29,046	13,356	13,735
Merced	501,745	474,563	525,754	546,060	546,773	551,904	561,858	565,052	503,570	537,655	518,454	528,264
San Joaquin	92,014	85,010	98,677	101,019	109,817	104,999	125,683	133,228	103,685	105,737	101,870	98,852
Stanislaus	496,549	461,584	487,830	527,910	510,012	490,557	502,353	528,571	482,857	489,297	490,562	465,854
Tulare	17,707	14,252	23,637	22,193	33,536	14,046	33,218	19,547	17,807	23,050	9,875	13,576
San Joaquin Valley	1,141,252	1,070,575	1,168,057	1,226,115	1,230,511	1,190,257	1,349,134	1,296,920	1,160,720	1,209,251	1,150,549	1,139,895
Alpine	---	---	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---	---	---
Placer	---	---	5,588	---	681	744	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---	---	---
Sierra Mountain	---	---	5,588	---	681	744	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---	---	---
Riverside	15,583	8,422	7,033	7,245	11,880	7,625	9,928	6,244	14,613	4,718	5,532	5,981
San Bernardino	4,341	1,653	1,889	4,418	7,108	3,841	5,328	10,601	10,679	5,366	1,290	5,627
San Diego	---	---	3,399	1,964	---	---	---	---	627	---	---	6,127
Santa Barbara	---	---	---	---	---	---	---	---	---	---	---	---
Ventura	8,744	18,060	1,288	18,292	18,913	10,036	9,512	9,254	18,965	15,617	10,514	9,031
Southern California	28,668	28,135	13,609	31,919	37,901	21,502	24,768	26,099	44,884	25,701	17,336	26,766
STATE TOTALS	1,501,345	1,403,191	1,681,004	1,802,114	1,909,774	1,899,755	2,065,639	2,047,324	1,876,113	1,785,771	1,667,340	1,604,940

AVERAGE PRICES PAID PRODUCERS

The California Crop and Livestock Reporting Service estimates the prices received by producers for many crops, livestock, and livestock products. The livestock products include whole milk sold in wholesale quantities. Table 13 contains the estimated monthly prices received by producers in California for the period 1974 through 1984. Data for earlier years are available in other publications and have been published in previous annual California Dairy Industry Statistics.

The average prices paid monthly to producers in California for market milk and for manufacturing milk from 1974 through 1984 are presented in Tables 14 and 15. Prices paid for market milk in Table 14 reflect the changing proportions of the product paid for in accordance with class use, as well as varying price levels for products with the same usage. Prices paid for manufacturing milk in Table 15 reflect primarily changes in price levels. Each price series is affected to some extent by variation in the average milk fat content of milk purchased from producers. Prices are presented for the average test of the milk actually purchased each month from producers.

TABLE 13. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR ALL WHOLE MILK, BY MONTHS, 1974-1984

(dollars per hundredweight)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1974	7.87	7.61	7.72	8.59	8.27	7.96	7.97	8.07	8.35	8.55	8.70	8.73	8.20
1975	8.91	8.88	8.74	8.64	8.45	8.33	8.40	8.57	8.90	9.27	9.49	9.78	8.85
1975 1/	9.08	9.06	8.92	8.81	8.63	8.51	8.57	8.75	9.08	9.45	9.66	9.93	9.03
1976	9.60	9.25	9.23	9.13	8.98	9.02	9.18	9.34	9.31	9.28	9.41	9.60	9.27
1977	9.69	9.49	9.45	9.49	9.62	9.65	9.60	9.69	9.86	10.10	10.20	10.30	9.76
1978	10.40	10.20	10.10	10.10	10.00	9.80	9.70	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.76	12.71	12.54	12.54	12.53	12.55	12.49	12.68	12.89	13.42	13.66	13.81	12.88
1981	13.73	13.63	13.58	13.51	13.26	13.17	13.14	13.10	13.24	13.58	13.60	13.71	13.44
1982	13.84	13.66	13.57	13.37	12.93	12.82	12.81	12.76	12.93	13.08	13.36	13.48	13.22
1983	13.48	13.42	13.33	13.09	12.87	12.66	12.65	12.70	12.82	13.14	13.37	13.30	13.07
1984	13.18	13.04	12.82	12.66	12.49	12.43	12.57	12.48	12.72	13.14	13.45	13.34	12.86

1/ Prices are f.o.b. ranch for the year 1974 and f.o.b. plant thereafter.

TABLE 14. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MARKET MILK, BY MONTHS, 1974-1984

(dollars per hundredweight)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1974	7.95	7.68	7.80	8.71	8.41	8.08	8.10	8.21	8.48	8.69	8.82	8.85	8.32
1975	9.01	8.99	8.85	8.76	8.58	8.45	8.50	8.68	8.99	9.34	9.56	9.86	8.95
1975 1/	9.18	9.16	9.02	8.93	8.75	8.62	8.67	8.85	9.17	9.51	9.73	10.00	9.12
1976	9.65	9.32	9.30	9.21	9.05	9.08	9.24	9.40	9.36	9.34	9.47	9.68	9.34
1977	9.75	9.55	9.50	9.53	9.66	9.70	9.65	9.74	9.90	10.10	10.20	10.30	9.80
1978	10.40	10.30	10.10	10.10	10.00	9.85	9.75	10.10	10.30	10.40	10.80	11.00	10.20
1979	10.90	11.10	11.00	11.00	11.10	11.20	11.20	11.40	11.60	12.00	12.30	12.50	11.40
1980	12.80	12.76	12.59	12.58	12.56	12.59	12.53	12.72	12.93	13.46	13.70	13.84	12.92
1981	13.76	13.66	13.61	13.55	13.30	13.22	13.19	13.14	13.27	13.60	13.63	13.74	13.47
1982	13.87	13.69	13.60	13.41	12.97	12.86	12.85	12.79	12.96	13.11	13.39	13.50	13.25
1983	13.50	13.45	13.36	13.12	12.90	12.69	12.68	12.73	12.85	13.17	13.40	13.34	13.10
1984	13.21	13.07	12.85	12.70	12.52	12.46	12.61	12.51	12.75	13.17	13.47	13.37	12.89

1/ Prices are f.o.b. ranch for the year 1974 and f.o.b. plant thereafter.

TABLE 15. AVERAGE PRICES PAID PRODUCERS IN CALIFORNIA FOR MANUFACTURING MILK, BY MONTHS, 1974-1984

(dollars per hundredweight)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
1974	6.59	6.56	6.67	6.98	6.68	6.52	6.51	6.48	6.58	6.72	6.86	6.78	6.65
1975	7.37	7.19	7.11	7.03	6.89	6.88	7.06	7.16	7.73	8.25	8.35	8.43	7.40
1975 1/	7.45	7.49	7.37	7.22	7.08	7.05	7.27	7.35	7.92	8.45	8.53	8.62	7.60
1976	8.48	8.00	7.87	7.94	7.87	8.03	8.20	8.45	8.43	8.23	8.29	8.15	8.16
1977	8.21	8.13	8.13	8.68	8.81	8.79	8.67	8.65	8.82	8.93	9.09	9.14	8.68
1978	9.09	9.03	8.94	9.25	9.15	9.17	9.08	9.26	9.49	9.70	10.00	10.20	9.34
1979	10.00	9.85	9.80	10.10	10.30	10.30	10.30	10.40	10.70	11.10	11.60	11.60	10.50
1980	11.56	11.44	11.34	11.69	11.75	11.61	11.62	11.72	12.01	12.36	12.68	12.77	11.88
1981	12.71	12.64	12.84	12.49	12.21	12.10	12.06	12.22	12.38	12.89	12.87	12.86	12.52
1982	12.92	12.80	12.77	12.46	12.12	12.02	11.99	12.06	12.23	12.41	12.65	12.85	12.44
1983	12.82	12.58	12.67	12.42	12.25	12.04	12.02	12.05	12.19	12.26	12.55	12.37	12.35
1984	12.31	12.05	11.99	11.77	11.79	11.66	11.73	11.82	12.02	12.46	12.79	12.55	12.08

1/ Prices are f.o.b. ranch for the year 1974 and f.o.b. plant thereafter.

UTILIZATION OF COMMERCIAL PRODUCTION

During 1984, approximately 30.3 percent of the total milk fat produced commercially in California was used in fluid market milk. Fluid market milk, for the purposes of Table 16, currently includes fluid whole milk, fluid lowfat milk, fluid skim milk, and yogurt. Fluid half-and-half used 1.9 percent of the milk fat; butter, 29.6 percent; cheese (including cottage cheese), 15.7 percent; condensed and evaporated milk products, 3.8 percent; frozen dairy products, 11.7 percent; and all other manufactured products, 8.0 percent. Approximately 32.2 percent of the total milk fat was used in fluid market milk and cream. The remaining 67.8 percent was used in manufactured products.

Approximately 43.0 percent of the market grade milk produced in 1984 was used in Class I market milk products and 6.6 percent was used in manufactured products where market grade milk use was mandatory. The remaining 50.4 percent was used in making all other kinds of manufactured products.

TABLE 16. ESTIMATED UTILIZATION OF CALIFORNIA'S COMMERCIAL MILK FAT PRODUCTION IN SELECTED DAIRY PRODUCTS, BY YEARS, 1964-1984

Year	Fluid market milk 1/	Fluid market cream 2/	Butter	Cheese, including cottage cheese	Condensed milk products 3/	Frozen dairy products	Other manufac-tured products 4/
				(percent)			
1964	55.6	7.8	9.1	3.7	6.6	12.9	4.3
1965	55.8	7.6	9.2	3.8	5.9	13.5	4.2
1966	56.5	7.4	7.0	3.6	6.6	13.7	5.2
1967	55.2	7.1	12.1	2.9	4.6	13.5	4.6
1968	53.2	6.6	14.2	2.8	5.1	13.6	4.5
1969	52.3	6.0	15.5	2.6	5.0	13.7	4.9
1970	49.0	5.5	20.7	3.1	3.9	13.3	4.5
1971	47.1	5.1	22.1	3.4	4.0	13.0	5.3
1972	45.5	4.6	24.7	3.5	3.2	12.5	6.0
1973	45.6	4.7	24.2	4.4	3.0	12.4	5.7
1974	43.6	2.2	26.9	5.2	2.7	13.0	6.4
1975	42.2	2.2	28.1	5.9	2.7	13.2	5.7
1976	40.9	2.1	28.8	6.8	2.6	12.7	6.1
1977	40.0	2.1	29.9	7.5	2.2	12.2	6.1
1978	40.2	2.0	26.5	8.3	2.1	12.6	8.3
1979	38.8	2.0	26.9	9.2	2.1	12.1	8.9
1980	34.5	1.8	30.8	10.1	1.7	11.2	9.9
1981	32.5	1.7	30.6	11.6	1.9	11.1	10.6
1982	30.7	1.7	31.2	13.6	3.0	10.8	9.0
1983	30.8	1.7	29.3	15.7	3.9	11.4	7.2
1984	30.3	1.9	28.6	15.7	3.8	11.7	8.0

1/ Includes fluid whole milk, fluid lowfat milk, concentrated fluid milk, and fluid skim milk through 1973. Yogurt is also included for the period 1974-1984.

2/ Includes fluid cream and half-and-half through 1973; half-and-half only for subsequent years.

3/ Includes evaporated milk and other condensed milk products.

4/ Includes sour and all other fluid cream for the period 1974-1984.

TABLE 17. COMMERCIAL PRODUCTION AND USAGE OF MILK IN CALIFORNIA, BY YEARS, 1967-1984 1/

	Commercial Production			Class 1 Usage	Availability for Manufacture				
								Relative to Production	
	Market	Manufacturing	Total		Market	Manufacturing	Total	Market	Total
	(thousand pounds)							(percent)	
1967	7,685,955	876,187	8,562,142	5,453,205	2,232,750	876,187	3,108,937	29.0	36.3
1968	8,002,052	815,387	8,817,439	5,441,752	2,560,300	815,387	3,375,687	32.0	38.3
1969	7,970,766	799,438	8,770,204	5,405,325	2,565,441	799,438	3,364,879	32.2	38.4
1970	8,481,432	865,027	9,346,459	5,399,404	3,082,028	865,027	3,947,055	36.3	42.2
1971	8,614,289	979,836	9,594,125	5,406,666	3,207,623	979,836	4,187,459	37.2	43.6
1972	9,163,369	1,136,171	10,299,540	5,647,138	3,516,231	1,136,171	4,652,402	38.4	45.2
1973	9,354,250	879,237	10,233,487	5,719,894	3,634,356	879,237	4,513,593	39.9	44.1
1974	9,776,188	724,765	10,500,953	5,740,347	4,035,841	724,765	4,760,606	41.3	45.3
1975	10,060,384	695,507	10,755,891	5,837,522	4,222,862	695,507	4,918,369	42.0	45.7
1976	10,886,279	602,087	11,488,366	6,032,561	4,853,718	602,087	5,455,805	44.6	47.5
1977	11,377,410	510,659	11,888,069	6,143,455	5,233,955	510,659	5,744,614	46.0	48.3
1978	11,329,087	447,648	11,776,735	6,211,747	5,117,340	447,648	5,564,988	45.2	47.3
1979	12,029,199	459,453	12,488,652	6,292,820	5,736,379	459,453	6,195,832	47.7	49.6
1980	12,998,001	517,997	13,515,998	6,238,927	6,759,074	517,997	7,277,071	52.0	53.8
1981	13,666,750	519,853	14,186,603	6,188,714	7,478,036	519,853	7,997,889	54.7	56.4
1982	13,901,010	566,472	14,467,482	6,082,539	7,818,471	566,472	8,384,943	56.2	58.0
1983	14,104,674	588,819	14,693,493	6,177,320	7,927,354	588,819	8,516,173	56.2	58.0
1984	14,654,257	580,604	15,234,861	6,307,805	8,346,452	580,604	8,927,056	57.0	58.6

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1983 and 1984 may be found in Table 22.

TABLE 18. COMMERCIAL PRODUCTION AND USAGE OF MARKET MILK FAT AND MARKET SKIM MILK IN CALIFORNIA, BY YEARS, 1967-1984 1/

	Market Milk Fat				Market Skim Milk			
	Commercial Production	Usage		Other usage relative to production	Commercial Production	Usage		Other usage relative to production
		Class 1	Other			Class 1	Other	
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1967	277,547	193,402	84,145	30.3	7,408,408	5,259,803	2,148,605	29.0
1968	287,023	190,057	96,966	33.8	7,715,029	5,251,695	2,463,334	31.9
1969	287,435	185,253	102,182	35.6	7,683,331	5,220,072	2,463,259	32.1
1970	303,336	182,919	120,417	39.7	8,178,096	5,216,485	2,961,611	36.2
1971	309,103	180,183	128,920	41.7	8,305,186	5,226,483	3,078,703	37.1
1972	327,371	185,058	142,313	43.5	8,835,998	5,462,080	3,373,918	38.6
1973	335,933	185,344	150,589	44.8	9,018,317	5,534,550	3,483,767	38.6
1974	351,133	173,348	177,785	50.6	9,425,055	5,566,999	3,858,056	40.9
1975	364,795	173,102	191,693	52.5	9,695,589	5,664,420	4,031,169	41.6
1976	390,950	178,026	212,924	54.5	10,495,329	5,854,535	4,640,794	44.2
1977	405,943	178,958	226,985	55.9	10,971,467	5,964,497	5,006,970	45.6
1978	408,311	179,515	228,796	56.0	10,920,776	6,032,232	4,888,544	44.8
1979	426,183	180,650	245,533	57.6	11,603,015	6,112,170	5,490,845	47.3
1980	468,324	176,741	291,583	62.3	12,529,677	6,062,086	6,467,591	51.6
1981	490,629	174,337	316,292	64.5	13,176,121	6,014,377	7,161,744	54.4
1982	504,415	170,381	334,034	66.2	13,396,595	5,912,158	7,484,437	55.9
1983	506,076	171,767	334,308	66.0	13,598,598	6,005,553	7,593,045	55.8
1984	522,989	174,159	348,830	66.7	14,131,268	6,133,646	7,997,622	56.6

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1983 and 1984 may be found in Tables 23 and 24.

TABLE 19. COMMERCIAL PRODUCTION OF MILK FAT AND SKIM MILK IN CALIFORNIA AVAILABLE FOR MANUFACTURE, BY YEARS, 1967-1984 1/

QUANTITIES AVAILABLE FOR MANUFACTURE

	Milk Fat				Skim Milk			
	Manufacturing	Market	Total	Relative to Production 2/	Manufacturing	Market	Total	Relative to Production 3/
	(thousand pounds)			(percent)	(thousand pounds)			(percent)
1967	33,115	84,145	117,260	37.7	843,072	2,148,605	2,991,677	36.3
1968	30,715	96,966	127,681	40.2	784,672	2,463,334	3,248,006	38.2
1969	30,081	102,182	132,263	41.7	769,357	2,463,259	3,232,616	38.2
1970	32,395	120,417	152,812	45.5	832,632	2,961,611	3,794,243	42.1
1971	36,549	128,920	165,469	47.9	943,287	3,078,703	4,021,990	43.5
1972	41,940	142,313	184,253	49.9	1,094,231	3,373,918	4,468,149	45.0
1973	32,646	150,589	183,235	49.7	846,591	3,483,767	4,330,358	43.9
1974	26,748	177,785	204,533	54.1	698,017	3,858,056	4,556,073	45.0
1975	25,960	191,693	217,653	55.7	669,547	4,031,169	4,700,716	45.4
1976	22,562	212,924	235,486	56.9	579,525	4,640,794	5,220,319	47.1
1977	18,958	226,985	245,943	57.9	491,701	5,006,970	5,498,671	48.0
1978	16,816	228,796	245,612	57.8	430,832	4,888,544	5,319,376	48.7
1979	16,881	245,533	262,414	59.2	442,572	5,490,845	5,933,417	49.2
1980	19,050	291,483	310,533	63.7	498,947	6,467,591	6,966,538	53.5
1981	19,147	316,292	335,439	65.8	500,706	7,161,744	7,662,450	56.0
1982	20,954	334,034	354,988	67.6	545,518	7,484,437	8,029,955	57.6
1983	21,556	334,309	355,865	67.4	567,563	7,593,045	8,160,608	57.6
1984	21,244	348,830	370,074	68.0	559,360	7,997,622	8,556,982	58.2

1/ All information in this table has been derived from unrounded data. Additional detail for the years 1983 and 1984 may be found in Tables 23 and 24.

2/ The total commercial production of milk fat is presented in column 2 of Table 23.

3/ The total commercial production of skim milk is presented in column 2 of Table 24.

TABLE 20. SALES OF CALIFORNIA CLASS 1 MARKET MILK PRODUCTS, BY MONTHS, 1984

(Gallons)

	January	February	March	April	May	June	July	August	September	October	November	December
Market Whole Milk	32,994,195	30,354,904	33,373,756	31,580,181	32,481,068	31,171,292	32,281,277	33,851,535	31,491,873	34,213,658	32,624,833	31,679,903
Market Lowfat Milk	22,733,138	21,049,117	23,725,340	21,979,157	22,971,833	20,841,775	21,118,538	21,839,239	22,531,502	24,729,747	23,410,666	22,372,918
Market Skim Milk	3,831,077	3,756,402	4,196,925	3,885,724	4,145,064	3,737,522	3,544,495	3,703,766	3,998,111	4,565,923	4,144,851	3,896,680
Half-and-Half	914,670	885,555	964,724	938,446	971,467	899,415	930,241	929,810	861,240	945,526	991,789	1,014,079
Yogurt	1,479,756	1,467,120	1,565,985	1,516,376	1,640,074	1,407,703	1,492,739	1,485,294	1,529,216	1,493,701	1,189,684	1,105,925
Other Class 1 Products	3,399	3,714	3,814	3,957	3,841	4,157	4,004	3,908	3,511	3,923	4,217	4,773
Total Class 1	61,956,235	57,516,812	63,830,544	59,893,841	62,213,347	58,061,864	59,371,294	61,813,552	60,415,453	65,952,478	62,366,040	60,074,278

MILK FAT SOLD IN CALIFORNIA CLASS 1 MARKET MILK PRODUCTS

(Pounds)

	January	February	March	April	May	June	July	August	September	October	November	December
Market Whole Milk	9,904,349	9,111,275	10,016,936	9,479,366	9,749,364	9,356,396	9,689,733	10,161,004	9,452,077	10,270,039	9,812,452	9,509,624
Market Lowfat Milk	3,779,795	3,480,099	3,929,799	3,649,261	3,819,095	3,445,733	3,491,458	3,610,718	3,723,372	4,096,017	3,875,918	3,715,746
Market Skim Milk	4,383	4,590	5,083	5,349	5,755	5,782	4,259	4,840	5,806	6,831	6,266	4,547
Half-and-Half	830,111	801,065	872,622	848,587	878,211	813,640	841,552	841,248	779,158	856,834	897,600	917,604
Yogurt	233,801	231,805	247,426	239,587	259,132	222,417	235,853	234,676	241,616	236,005	187,970	174,736
Other Class 1 Products	3,059	3,343	3,433	3,561	3,457	3,741	3,604	3,517	3,160	3,531	3,795	4,296
Total Class 1	14,755,498	13,632,177	15,075,299	14,225,711	14,715,014	13,847,709	14,266,459	14,856,003	14,205,189	15,469,257	14,784,001	14,326,553

TABLE 21. PRODUCTION OF SELECTED MANDATORY CLASS 2 PRODUCTS AND USAGE OF MARKET MILK FAT IN THESE PRODUCTS IN CALIFORNIA, BY MONTHS, 1984

	January	February	March	April	May	June	July	August	September	October	November	December
	(product pounds)											
Sour Cream & Sour Cream Dress.	6,066,121	6,734,234	6,990,282	7,238,852	7,582,649	7,149,341	7,464,450	7,352,909	6,566,350	7,289,011	8,265,670	9,270,550
All Other Market Cream	3,428,833	4,293,549	4,870,315	5,152,967	4,829,022	4,533,982	4,676,044	4,416,671	4,039,298	5,468,073	6,866,942	5,285,180
Buttermilk	7,315,389	6,613,885	7,065,883	6,964,632	7,447,189	6,656,321	7,557,344	8,084,707	7,490,004	7,485,987	7,348,852	7,242,179
Creamed Cottage Cheese 1/	2,378,312	2,281,615	2,455,382	2,427,544	2,500,583	2,464,890	2,796,525	2,612,198	2,556,101	2,534,497	2,178,409	2,125,926
Lowfat Cottage Cheese 1/	1,385,574	1,416,992	1,544,572	1,554,348	1,591,799	1,635,544	1,775,809	1,763,804	1,637,178	1,622,179	1,358,048	1,357,515
Cottage Cheese, Dry Curd 2/	49,149,911	48,362,204	52,741,045	51,832,794	53,998,849	55,882,488	62,361,967	60,944,969	58,528,929	57,248,491	47,990,946	48,430,541
Filled and Imitation Products	87,981	133,624	107,518	100,761	121,497	105,923	128,637	86,420	85,324	89,718	109,484	93,008
Yogurt (Out-of-State Use)	2,992,929	3,415,791	3,323,737	3,227,950	3,007,085	3,449,348	3,634,773	3,453,562	3,645,170	3,867,506	3,060,043	2,806,343
TOTAL	72,805,050	73,251,894	79,098,734	78,499,848	81,078,673	81,877,837	90,395,549	88,715,240	84,548,354	85,605,462	77,178,394	76,611,242
	(market milk fat pounds)											
Sour Cream & Sour Cream Dress.	1,217,521	1,351,617	1,403,008	1,452,898	1,521,901	1,434,933	1,498,178	1,475,790	1,317,922	1,462,966	1,658,989	1,860,677
All Other Market Cream	1,121,200	1,403,955	1,592,552	1,684,977	1,579,050	1,482,574	1,529,028	1,444,215	1,320,817	1,788,014	2,245,433	1,728,210
Buttermilk	33,946	30,691	32,788	32,318	34,558	30,888	35,069	37,516	34,756	34,738	34,101	33,606
Creamed Cottage Cheese 3/	344,855	330,834	356,030	351,994	362,584	357,409	405,496	378,769	370,635	367,502	315,869	308,259
Lowfat Cottage Cheese 4/	76,206	77,934	84,951	85,489	87,549	89,955	97,670	97,009	90,045	89,220	74,693	74,663
Cottage Cheese, Dry Curd	---	---	---	---	---	---	---	---	---	---	---	---
Filled and Imitation Products	---	---	---	---	---	---	---	---	---	---	---	---
Yogurt (Out-of-State Use)	54,986	62,755	61,064	59,304	55,246	63,372	66,778	63,449	66,969	71,054	56,219	51,558
TOTAL	2,848,714	3,257,786	3,530,393	3,666,980	3,640,888	3,459,131	3,632,219	3,496,748	3,201,144	3,813,494	4,385,304	4,056,973

1/ Approximately 0.34 pound of creaming mixture is added to each pound of curd in the creaming process.

2/ 7.14 pounds of skim milk are required to make one pound of dry curd.

3/ Creaming mixture for creamed cottage cheese tests 14.5%.

4/ Creaming mixture for lowfat cottage cheese tests 5.5%.

TABLE 22. UTILIZATION OF MARKET AND MANUFACTURING MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1983-1984

YEAR AND MONTH	COMMERCIAL MILK PRODUCTION	MARKET MILK PRODUCTION AND USAGE							MANUFACTURING MILK PRODUCTION	MILK AVAILABLE FOR MANUFACTURE 3/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total 1/ (thousand pounds)	Total (thousand pounds)	Total (thousand pounds)	Relative to Production 2/ (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Relative to Production (percent)	Total (thousand pounds)	Total (thousand pounds)	Relative to Commercial Production (percent)
1983	14,693,493	14,104,674	6,177,320	43.8	895,289	6.3	7,032,065	49.9	588,819	7,620,884	51.9
1984	15,234,861	14,654,257	6,307,805	43.0	969,666	6.6	7,376,785	50.3	580,604	7,957,389	52.2
1983											
January	1,183,021	1,141,702	523,525	45.8	74,193	6.5	543,984	47.6	41,319	585,303	49.5
February	1,072,567	1,034,652	478,951	46.3	70,415	6.8	485,286	46.9	37,916	523,202	48.8
March	1,203,406	1,151,288	536,210	46.6	80,445	7.0	534,633	46.4	52,118	586,751	48.8
April	1,211,192	1,156,920	511,347	44.2	77,910	6.7	567,663	49.1	54,272	621,935	51.3
May	1,285,453	1,228,913	515,905	42.0	79,258	6.4	633,750	51.6	56,541	690,291	53.7
June	1,269,214	1,212,874	490,484	40.4	76,939	6.3	645,451	53.2	56,340	701,791	55.3
July	1,320,406	1,264,684	493,520	39.0	74,257	5.9	696,907	55.1	55,721	752,628	57.0
August	1,290,522	1,235,490	515,295	41.7	78,404	6.3	641,791	51.9	55,031	696,822	54.0
September	1,229,634	1,179,005	535,832	45.4	73,648	6.2	569,525	48.3	50,628	620,153	50.4
October	1,253,025	1,206,435	541,568	44.9	71,437	5.9	593,430	49.2	46,590	640,020	51.1
November	1,185,043	1,142,882	517,496	45.3	71,823	6.3	553,563	48.4	42,161	595,724	50.3
December	1,190,010	1,149,829	517,187	45.0	66,560	5.8	566,082	49.2	40,182	606,264	50.9
1984											
January	1,190,168	1,151,004	532,824	46.3	72,805	6.3	545,375	47.4	39,164	584,540	49.1
February	1,144,089	1,106,473	494,644	44.7	73,252	6.6	538,577	48.7	37,616	576,193	50.4
March	1,271,250	1,224,603	548,943	44.8	79,099	6.4	596,561	48.7	46,648	643,209	50.6
April	1,285,869	1,235,265	515,087	41.7	78,500	6.4	641,678	51.9	50,604	692,282	53.8
May	1,359,488	1,305,201	535,035	41.0	81,079	6.2	689,087	52.8	54,288	743,375	54.7
June	1,314,224	1,259,797	499,332	39.6	81,878	6.5	678,587	53.9	54,426	733,014	55.8
July	1,318,652	1,259,678	510,593	40.5	90,396	7.2	658,689	52.3	58,974	717,663	54.4
August	1,333,648	1,275,946	531,596	41.7	88,715	7.0	655,635	51.4	57,702	713,336	53.5
September	1,244,582	1,192,835	519,573	43.6	84,548	7.1	588,714	49.4	51,747	640,461	51.4
October	1,293,630	1,246,619	567,191	45.5	85,605	6.9	593,822	47.6	47,011	640,833	49.5
November	1,228,900	1,186,685	536,348	45.2	77,178	6.5	573,158	48.3	42,215	615,373	50.1
December	1,250,360	1,210,151	516,639	42.7	76,611	6.3	616,901	51.0	40,209	657,110	52.6

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 7, 8, 9, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk available for manufacturing purposes in California is Total Commercial Production excluding Market Milk Class 1 and Mandatory Class 2 Usage.

TABLE 23. UTILIZATION OF MARKET AND MANUFACTURING MILK FAT PRODUCTION IN CALIFORNIA, BY MONTHS, 1983-1984

YEAR AND MONTH	COMMERCIAL MILK FAT PRODUCTION	MARKET MILK FAT PRODUCTION AND USAGE							MANUFACTURING MILK FAT PRODUCTION	MILK FAT AVAILABLE FOR MANUFACTURE 3/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total 1/	Total	Total	Relative to Production 2/	Total	Relative to Production	Total	Relative to Production	Total	Total	Relative to Commercial Production
	(thousand pounds)	(thousand pounds)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(thousand pounds)	(percent)
1983	527,632	506,076	171,767	33.9	37,288	7.4	297,021	58.7	21,556	318,577	60.4
1984	544,233	522,989	174,159	33.3	42,990	8.2	305,840	58.5	21,244	327,084	60.1
1983											
January	44,730	43,120	14,445	33.5	2,401	5.6	26,274	60.9	1,610	27,884	62.3
February	40,399	38,946	13,226	34.0	2,661	6.8	23,059	59.2	1,453	24,512	60.7
March	44,659	42,681	14,826	34.7	3,219	7.5	24,636	57.7	1,978	26,614	59.6
April	43,457	41,486	14,093	34.0	3,028	7.3	24,365	58.7	1,971	26,336	60.6
May	45,082	43,073	14,248	33.1	3,221	7.5	25,604	59.4	2,008	27,612	61.2
June	43,166	41,203	13,695	33.2	3,270	7.9	24,238	58.8	1,963	26,201	60.7
July	45,192	43,261	13,878	32.1	2,914	6.7	26,469	61.2	1,931	28,400	62.8
August	44,575	42,646	14,491	34.0	3,162	7.4	24,993	58.6	1,929	26,922	60.4
September	42,828	41,024	14,913	36.4	2,994	7.3	23,117	56.3	1,804	24,921	58.2
October	44,892	43,184	14,989	34.7	2,875	6.6	25,320	58.6	1,708	27,028	60.2
November	43,745	42,122	14,424	34.2	3,972	9.4	23,726	56.3	1,623	25,349	57.9
December	44,907	43,330	14,539	33.6	3,571	8.2	25,220	58.2	1,578	26,798	59.7
1984											
January	44,561	43,060	14,755	34.3	2,849	6.6	25,455	59.1	1,501	26,957	60.5
February	41,769	40,366	13,632	33.8	3,258	8.1	23,476	58.2	1,403	24,879	59.6
March	45,128	43,447	15,075	34.7	3,530	8.1	24,842	57.2	1,681	26,523	58.8
April	44,998	43,196	14,226	32.9	3,667	8.5	25,303	58.6	1,802	27,106	60.2
May	46,466	44,556	14,715	33.0	3,641	8.2	26,200	58.8	1,910	28,110	60.5
June	44,836	42,936	13,848	32.2	3,459	8.0	25,629	59.7	1,900	27,529	61.4
July	44,907	42,841	14,266	33.3	3,632	8.5	24,942	58.2	2,066	27,008	60.1
August	45,876	43,829	14,856	33.9	3,497	8.0	25,476	58.1	2,047	27,523	60.0
September	43,484	41,608	14,205	34.1	3,201	7.7	24,201	58.2	1,876	26,077	60.0
October	47,292	45,506	15,469	34.0	3,813	8.4	26,223	57.6	1,786	28,009	59.2
November	46,542	44,875	14,784	32.9	4,385	9.8	25,706	57.3	1,667	27,373	58.8
December	48,374	46,770	14,326	30.6	4,057	8.7	28,386	60.7	1,605	29,991	62.0

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The milk fat available for manufacturing purposes in California is Total Commercial Milk Fat Production excluding Market Milk Class 1 and Mandatory Class 2 Milk Fat Usage.

TABLE 24. UTILIZATION OF MARKET AND MANUFACTURING SKIM MILK PRODUCTION IN CALIFORNIA, BY MONTHS, 1983-1984

YEAR AND MONTH	COMMERCIAL SKIM MILK PRODUCTION	MARKET SKIM MILK PRODUCTION AND USAGE							MANUFACTURING SKIM MILK PRODUCTION	SKIM MILK AVAILABLE FOR MANUFACTURE 3/	
		Production	Usage								
			Class 1		Mandatory Class 2		All Other				
	Total 1/	Total	Total	Relative to Production 2/	Total	Relative to Production	Total	Relative to Production	Total	Total	Relative to Commercial Production
	(thousand pounds)	(thousand pounds)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(percent)	(thousand pounds)	(thousand pounds)	(percent)
1983	14,165,861	13,598,598	6,005,553	44.2	858,001	6.3	6,735,044	49.5	567,263	7,302,307	51.5
1984	14,690,628	14,131,268	6,133,646	43.4	926,676	6.6	7,070,945	50.0	559,360	7,630,305	51.9
1983											
January	1,138,291	1,098,582	509,080	46.3	71,792	6.5	517,710	47.1	39,709	557,419	49.0
February	1,032,168	995,706	465,725	46.8	67,754	6.8	462,227	46.4	36,463	498,690	48.3
March	1,158,747	1,108,607	521,384	47.0	77,226	7.0	509,997	46.0	50,140	560,137	48.3
April	1,167,735	1,115,434	497,254	44.6	74,882	6.7	543,298	48.7	52,301	595,599	51.0
May	1,240,371	1,185,840	501,657	42.3	76,037	6.4	608,146	51.3	54,533	662,679	53.4
June	1,226,048	1,171,671	476,789	40.7	73,669	6.3	621,213	53.0	54,377	675,590	55.1
July	1,275,214	1,221,423	479,642	39.3	71,343	5.8	670,438	54.9	53,790	724,228	56.8
August	1,245,947	1,192,844	500,804	42.0	75,242	6.3	616,798	51.7	53,102	669,900	53.8
September	1,186,806	1,137,981	520,919	45.8	70,654	6.2	546,408	48.0	48,824	595,232	50.2
October	1,208,133	1,163,251	526,579	45.3	68,562	5.9	568,110	48.8	44,882	612,992	50.7
November	1,141,298	1,100,760	503,072	45.7	67,851	6.2	529,837	48.1	40,538	570,375	50.0
December	1,145,103	1,106,499	502,648	45.4	62,989	5.7	540,862	48.9	38,604	579,466	50.6
1984											
January	1,145,607	1,107,944	518,068	46.8	69,956	6.3	519,920	46.9	37,663	557,583	48.7
February	1,102,320	1,066,107	481,012	45.1	69,994	6.6	515,101	48.3	36,213	551,314	50.0
March	1,226,122	1,181,155	533,867	45.2	75,568	6.4	571,720	48.4	44,967	616,686	50.3
April	1,240,870	1,192,069	500,861	42.0	74,833	6.3	616,374	51.7	48,802	665,176	53.6
May	1,313,023	1,260,645	520,320	41.3	77,438	6.1	662,887	52.6	52,378	715,265	54.5
June	1,269,388	1,216,861	485,484	39.9	78,419	6.4	652,958	53.6	52,526	705,485	55.6
July	1,273,745	1,216,837	496,327	40.8	86,763	7.1	633,747	52.1	56,909	690,655	54.2
August	1,287,772	1,232,118	516,740	41.9	85,218	6.9	630,159	51.1	55,654	685,813	53.2
September	1,201,099	1,151,227	505,368	43.9	81,347	7.1	564,512	49.0	49,871	614,384	51.2
October	1,246,338	1,201,113	551,722	45.9	81,792	6.8	567,599	47.2	45,225	612,824	49.2
November	1,182,357	1,141,810	521,564	45.7	72,793	6.4	547,453	47.9	40,547	588,000	49.7
December	1,201,986	1,163,382	502,312	43.2	72,554	6.2	588,515	50.6	38,604	627,119	52.2

1/ Monthly and annual totals have been derived from unrounded data, therefore the sum of monthly data may not equal annual totals. The original unrounded data may be determined from Tables 7, 8, 9, 10, 11, 12, 20, and 21.

2/ All percentages have been computed from unrounded data.

3/ The skim milk available for manufacturing purposes in California is Total Commercial Skim Milk Production excluding Market Milk Class 1 and Mandatory Class 2 Skim Milk Usage.

SALES OF CLASS 1 MARKET MILK PRODUCTS

Total sales of Class 1 market milk products in California during 1984 amounted to approximately 733.5 million gallons. This included 657.4 million gallons of fluid whole and lowfat milk, 47.4 million gallons of fluid skim milk, 11.2 million gallons of half-and-half, and 17.4 million gallons of yogurt and miscellaneous Class 1 products. The sales of fluid whole and lowfat milk included approximately 15.7 million gallons to the Federal Government and 641.7 million gallons to the civilian trade.

Beginning January 1974, changes were made in the usage classification of several products made with market grade milk. The changes which are reflected in this section are as follows: (1) The product called flavored dairy drink was replaced by flavored lowfat milk, and flavored nonfat milk, and included as components of lowfat milk sales, and fluid skim milk sales, respectively; (2) all fluid cream items except half-and-half became Class 2 usage items; and (3) yogurt sales plus sales of the Class 1 skim portion of imitation milk products have been included as part of Class 1 sales. Because of these changes, valid comparisons between 1984 Class 1 sales and Class 1 sales for years prior to 1974 are difficult.

Between 1983 and 1984, total Class 1 sales were up 2.1 percent. Sales of fluid whole and lowfat milk increased 1.3 percent, sales of fluid skim milk increased 10.8 percent, and sales of fluid half-and-half were up 11.7 percent.

A summary of fluid milk sales by type of trade in California for the years 1967 through 1984 is presented in Table 36. During 1984, sales of market whole milk and lowfat milk to the wholesale trade (stores, restaurants, schools, hospitals, etc.) by distributors on their own routes represented 84.8 percent of total sales; sales by distributors on their own routes to retail customers accounted for 0.2 percent; sales to retail customers cash-and-carry at ranch and/or processing plant, 0.5 percent; sales to subdistributors or peddlers for resale to the trade, 12.1 percent; and sales to the Federal Government, 2.4 percent.

TABLE 25. SALES OF CLASS 1 MARKET MILK PRODUCTS IN CALIFORNIA, BY YEARS, 1967-1984

	Whole and Lowfat Milk			Market Skim Milk	Flavored Dairy Drink	Half -and- Half	Market Cream			Total Class 1 2/
	Total 1/	Federal Gov.	Other				Total	Sour	Other	
					(thousand gallons)					
1967	574,084	40,897	533,187	34,015	9,637	11,711	4,647	3,120	1,527	634,094
1968	571,642	40,181	531,461	35,193	10,226	11,136	4,565	3,283	1,282	632,762
1969	568,672	37,630	531,042	34,904	10,341	10,412	4,197	3,350	847	628,526
1970	568,797	32,626	536,171	34,529	10,391	9,707	4,414	3,556	858	627,838
1971	569,655	30,396	539,259	36,220	9,864	8,427	4,516	3,597	919	628,682
1972	594,110	30,628	563,482	39,738	10,231	8,087	4,478	3,581	897	656,644
1973	600,990	30,178	570,812	41,523	9,820	8,166	4,605	3,773	832	665,104
1974	601,450	27,972	573,478	43,639	---	8,212	---	---	---	667,482
1975	609,327	23,428	585,899	46,263	---	8,207	---	---	---	678,782
1976	634,292	21,683	612,609	46,540	---	8,516	---	---	---	701,461
1977	646,060	20,254	625,806	47,312	---	8,614	---	---	---	714,355
1978	654,784	18,077	636,707	46,097	---	9,095	---	---	---	722,296
1979	662,761	17,203	645,558	45,046	---	9,378	---	---	---	731,723
1980	655,269	16,243	639,026	44,694	---	9,394	---	---	---	725,455
1981	650,965	15,476	635,489	44,170	---	9,650	---	---	---	719,615
1982	640,484	15,340	625,144	42,429	---	9,700	---	---	---	707,272
1983	648,682	15,970	632,712	42,768	---	10,068	---	---	---	718,273
1984	657,391	15,725	641,666	47,406	---	11,247	---	---	---	733,466
1981										
January	56,513	1,348	55,165	3,926		782				62,364
February	50,444	1,312	49,132	3,532	Included	710				55,886
March	56,442	1,494	54,948	4,062	in	792		No longer Class 1		62,657
April	53,608	1,340	52,268	3,806	Market	789		products		59,478
May	53,903	1,265	52,638	3,885	Whole,	793				59,902
June	52,435	1,218	51,217	3,634	Lowfat,	810				58,285
July	54,241	1,344	52,897	3,491	and	845				59,920
August	53,476	1,230	52,246	3,384	Skim	816				58,877
September	54,605	1,291	53,314	3,616	Milk	776				60,212
October	57,156	1,268	55,888	3,866		814				63,086
November	53,568	1,133	52,435	3,568		828				59,120
December	54,574	1,233	53,341	3,400		895				59,826
1982										
January	54,289	1,462	52,827	3,592		780				59,772
February	49,035	1,250	47,785	3,309	Included	726				54,258
March	55,738	1,291	54,447	3,858	in	817		No longer Class 1		61,754
April	53,090	1,276	51,814	3,606	Market	802		products		58,802
May	52,374	1,180	51,194	3,643	Whole,	790				58,124
June	51,056	1,232	49,824	3,371	Lowfat,	804				56,443
July	52,365	1,260	51,105	3,300	and	844				57,804
August	52,616	1,301	51,315	3,272	Skim	805				58,030
September	54,581	1,298	53,283	3,578	Milk	779				60,215
October	56,137	1,266	54,871	3,842		790				62,004
November	54,589	1,253	53,336	3,622		853				60,168
December	54,614	1,272	53,342	3,436		910				59,898
1983										
January	54,939	1,271	53,668	3,684		798				60,875
February	50,184	1,228	48,956	3,424	Included	746				55,692
March	56,123	1,464	54,659	3,819	in	855		No longer Class 1		62,350
April	53,487	1,405	52,082	3,721	Market	800		products		59,459
May	53,830	1,243	52,587	3,732	Whole,	881				59,989
June	51,372	1,318	50,054	3,340	Lowfat,	833				57,033
July	51,987	1,300	50,687	3,204	and	843				57,386
August	54,319	1,360	52,959	3,312	Skim	859				59,918
September	56,344	1,349	54,995	3,668	Milk	817				62,306
October	56,788	1,346	55,442	3,911		827				62,973
November	54,557	1,343	53,214	3,525		866				60,153
December	54,752	1,346	53,406	3,428		943				60,138
1984										
January	55,727	1,395	54,332	3,831		915				61,956
February	51,404	1,257	50,147	3,756	Included	886				57,517
March	57,099	1,376	55,723	4,197	in	965		No longer Class 1		63,830
April	53,549	1,338	52,211	3,886	Market	938		products		59,894
May	55,453	1,327	54,126	4,145	Whole,	971				62,213
June	52,013	1,276	50,737	3,738	Lowfat,	899				58,062
July	53,400	1,252	52,148	3,544	and	930				59,371
August	55,691	1,413	54,278	3,704	Skim	930				61,814
September	54,023	1,210	52,813	3,998	Milk	861				60,415
October	58,943	1,332	57,611	4,566		946				65,952
November	54,053	1,229	52,824	4,145		992				62,366
December	56,035	1,318	54,717	3,897		1,014				60,074

1/ Monthly and annual totals have been derived from unrounded data published in Tables 28, 30, 33, 34, and 35. Therefore, the sum of monthly data may not equal annual totals.

2/ Subsequent to 1973, total Class 1 includes yogurt and miscellaneous Class 1 products.

TABLE 26. CLASS 1 SALES OF SELECTED FLUID MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	Market Whole Milk	Market Lowfat Milk	Market Skim Milk	Half-and-Half	Total Class 1
			(gallons)		
Northern California	121,192,021	107,029,558	13,925,583	4,263,009	Sales of yogurt and miscellaneous Class 1 products not available by marketing areas
South Valley	25,583,733	14,061,088	1,554,100	1,565,242	
Southern California	239,133,797	146,443,298	31,728,131	5,312,171	
Del Norte-Humboldt	2,013,335	1,645,539	191,428	88,227	
Out of Area	175,589	113,487	7,298	18,313	
STATE TOTALS	388,098,475	269,292,970	47,406,540	11,246,962	733,465,738

TABLE 27. CLASS 1 SALES OF SELECTED MARKET MILK PRODUCTS IN CALIFORNIA, BY MARKETING AREAS, BY MONTHS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	20,526,093	18,988,846	21,092,655	20,126,056	20,800,171	19,561,266	20,094,232	21,084,696	20,466,773	22,379,004	21,037,274	20,253,105
South Valley	3,709,215	3,471,265	3,717,813	3,658,749	3,795,930	2,955,459	3,318,386	3,532,795	3,411,230	3,911,476	3,721,431	3,560,414
Southern California	35,880,834	33,272,220	37,100,473	34,237,483	35,594,253	33,777,021	34,114,405	35,296,937	34,685,198	37,776,528	36,062,758	34,819,287
Del Norte-Humboldt	325,983	287,111	313,794	302,426	337,674	328,625	328,972	387,027	302,108	370,847	335,804	318,158
Out of Area	30,955	26,536	36,010	48,794	41,404	27,633	18,556	22,895	17,417	16,999	14,872	12,616
STATE TOTALS	60,473,080	56,045,978	62,260,745	58,373,508	60,569,432	56,650,004	57,874,551	60,324,350	58,882,726	64,454,854	61,172,139	58,963,580

1/ Sales of yogurt and miscellaneous Class 1 products are not included because they are not available by marketing area.

TABLE 28. TOTAL SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	19,114,871	17,608,677	19,530,685	18,621,763	19,237,728	18,059,983	18,706,626	19,522,269	18,960,416	20,722,993	18,675,421	19,460,147
South Valley	3,472,485	3,225,740	3,447,975	3,399,390	3,511,366	2,727,647	3,062,921	3,270,362	3,144,885	3,635,996	3,302,530	3,443,524
Southern California	32,805,859	30,277,008	33,793,927	31,201,878	32,351,819	30,895,239	31,309,544	32,517,006	31,622,899	34,225,605	31,769,553	32,806,758
Del Norte-Humboldt	305,093	267,792	292,922	280,587	313,565	305,342	304,500	361,042	279,169	343,391	293,882	311,589
Out of Area	29,025	24,804	33,587	45,720	38,423	24,856	16,224	20,095	16,006	15,420	11,435	13,481
STATE TOTALS	55,727,333	51,404,021	57,099,096	53,549,338	55,452,901	52,013,067	53,399,815	55,690,774	54,023,375	58,943,405	54,052,821	56,035,499

1/ Sales of market whole milk and lowfat milk to the Federal Government are included.

TABLE 29. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	18,552,128	17,125,198	19,033,581	18,059,751	18,746,352	17,606,542	18,226,298	19,038,458	18,522,837	20,168,563	18,197,295	18,948,458
South Valley	3,401,299	3,189,887	3,411,072	3,374,827	3,478,534	2,710,664	3,043,878	3,252,688	3,127,433	3,590,479	3,262,235	3,399,376
Southern California	31,927,148	29,539,447	32,952,374	30,450,454	31,549,498	30,090,251	30,557,149	31,605,710	30,867,973	33,494,146	31,059,289	32,044,788
Del Norte-Humboldt	303,510	267,299	292,364	280,225	313,093	304,810	304,140	360,412	278,789	342,963	293,538	311,095
Out of Area	29,025	24,804	33,587	45,720	38,423	24,856	16,224	20,095	16,006	15,420	11,435	13,481
STATE TOTALS	54,213,110	50,146,635	55,722,978	52,210,977	54,125,900	50,737,123	52,147,689	54,277,363	52,813,038	57,611,571	52,823,792	54,717,198

1/ Sales of market whole milk and lowfat milk to the Federal Government are not included. They are shown separately in Table 30.

TABLE 30. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA TO THE FEDERAL GOVERNMENT BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	536,889	483,479	497,104	562,012	491,376	453,441	480,328	483,811	437,579	554,430	478,126	511,689
South Valley	63,064	35,853	36,903	24,563	32,832	16,983	19,043	17,674	17,452	45,517	40,295	44,148
Southern California	794,895	737,561	841,553	751,424	802,321	804,988	752,395	911,296	754,926	731,459	710,264	761,970
Del Norte-Humboldt	452	493	558	362	472	532	360	630	380	428	344	494
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	1,395,300	1,257,386	1,376,118	1,338,361	1,327,001	1,275,944	1,252,126	1,413,411	1,210,337	1,331,834	1,229,029	1,318,301

TABLE 31. SALES OF MARKET WHOLE MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	10,139,991	9,321,021	10,144,389	9,903,581	10,139,049	9,847,133	10,246,646	10,805,737	9,873,234	10,826,530	10,152,133	9,792,577
South Valley	2,238,665	2,077,550	2,199,060	2,186,769	2,243,686	1,805,180	2,080,278	2,214,588	1,970,791	2,278,043	2,175,054	2,114,069
Southern California	20,428,047	18,792,913	20,848,010	19,306,208	19,902,648	19,333,216	19,768,870	20,615,129	19,484,615	20,918,360	20,122,471	19,613,310
Del Norte-Humboldt	170,619	148,826	162,292	156,048	172,545	171,810	174,278	202,304	153,340	181,306	166,982	152,985
Out of Area	16,873	14,594	20,005	27,575	23,140	13,953	11,205	13,777	9,893	9,419	8,193	6,962
STATE TOTALS	32,994,195	30,354,904	33,373,756	31,580,181	32,481,068	31,171,292	32,281,277	33,851,535	31,491,873	34,213,658	32,624,833	31,679,903

TABLE 32. SALES OF LOWFAT MARKET MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	8,974,880	8,287,656	9,386,296	8,718,182	9,098,679	8,212,850	8,459,980	8,716,532	9,087,182	9,896,463	9,308,014	8,882,844
South Valley	1,233,820	1,148,190	1,248,915	1,212,621	1,267,680	922,467	982,643	1,055,774	1,174,094	1,357,953	1,268,470	1,188,461
Southern California	12,377,812	11,484,095	12,945,917	11,895,670	12,449,171	11,562,023	11,540,674	11,901,877	12,138,284	13,307,245	12,684,287	12,156,243
Del Norte-Humboldt	134,474	118,966	130,630	124,539	141,020	133,532	130,222	158,738	125,829	162,085	144,607	140,897
Out of Area	12,152	10,210	13,582	18,145	15,283	10,903	5,019	6,318	6,113	6,001	5,288	4,473
STATE TOTALS	22,733,138	21,049,117	23,725,340	21,969,157	22,971,833	20,841,775	21,118,538	21,839,239	22,531,502	24,729,747	23,410,666	22,372,918

TABLE 33. SALES OF MARKET SKIM MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	1,068,000	1,053,867	1,206,768	1,151,261	1,198,954	1,147,623	1,033,870	1,201,421	1,183,430	1,296,940	1,203,868	1,179,581
South Valley	126,355	125,799	137,748	132,098	135,349	113,708	122,857	129,219	127,660	142,892	131,897	128,518
Southern California	2,621,816	2,562,880	2,837,123	2,586,360	2,793,211	2,459,515	2,370,913	2,354,958	2,671,029	3,106,319	2,791,964	2,572,043
Del Norte-Humboldt	14,157	13,147	14,336	14,695	16,445	16,078	16,474	17,659	15,726	19,493	16,883	16,335
Out of Area	749	709	950	1,310	1,105	598	381	509	266	279	239	203
STATE TOTALS	3,831,077	3,756,402	4,196,925	3,385,724	4,145,064	3,737,522	3,544,495	3,703,766	3,998,111	4,565,923	4,144,851	3,896,680

TABLE 34. SALES OF HALF-AND-HALF IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	343,222	326,302	355,202	353,032	363,489	353,660	353,736	361,006	322,927	359,071	373,259	398,103
South Valley	110,375	119,726	132,090	127,261	149,215	114,104	132,608	133,214	138,685	132,588	146,010	129,366
Southern California	453,159	432,332	469,423	449,245	449,223	422,267	433,948	424,973	391,270	444,604	464,036	477,691
Del Norte-Humboldt	6,733	6,172	6,536	7,144	7,664	7,205	7,998	8,326	7,213	7,963	7,332	7,941
Out of Area	1,181	1,023	1,473	1,764	1,876	2,179	1,951	2,291	1,145	1,300	1,152	978
STATE TOTALS	914,670	885,555	964,724	938,446	971,467	899,415	930,241	929,810	861,240	945,526	991,789	1,014,079

TABLE 35. SALES OF CLASS 1 YOGURT IN CALIFORNIA, 1977-1984

	1977	1978	1979	1980	1981	1982	1983	1984
				(gallons)				
January	840,848	946,944	1,041,653	1,270,994	1,116,434	1,107,907	1,450,494	1,479,756
February	840,189	955,134	979;654	1,375,360	1,176,634	1,182,459	1,332,739	1,467,120
March	1,000,518	1,047,245	1,112,377	1,411,460	1,332,044	1,337,986	1,548,441	1,565,985
April	1,002,256	999,083	1,120,263	1,418,033	1,252,399	1,300,627	1,446,942	1,516,376
May	1,024,513	1,099,612	1,241,333	1,482,010	1,302,825	1,313,424	1,541,868	1,640,074
June	982,821	979,419	1,171,482	1,393,047	1,388,540	1,208,097	1,482,345	1,407,703
July	954,406	966,629	1,155,436	1,361,068	1,335,357	1,290,316	1,346,735	1,492,739
August	1,047,699	965,313	1,252,284	1,295,974	1,197,118	1,333,096	1,424,961	1,485,294
September	1,038,497	949,304	1,288,544	1,316,919	1,211,423	1,272,345	1,472,865	1,529,216
October	997,270	1,075,560	1,437,105	1,350,747	1,245,992	1,230,410	1,443,482	1,493,701
November	893,752	871,461	1,184,802	1,078,230	1,150,738	1,099,467	1,200,836	1,189,684
December	768,518	787,560	1,090,876	998,967	952,406	932,382	1,009,416	1,105,925
STATE TOTALS	11,391,287	11,643,264	14,075,809	15,752,809	14,661,910	14,608,516	16,701,124	17,373,573

TABLE 36. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY TYPE OF TRADE, 1967-1984

	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total 1/
			(thousand gallons)			
1967	340,231	94,689	37,919	57,665	40,897	571,401
1968	350,504	83,247	35,293	59,935	40,181	569,160
1969	361,007	71,788	33,587	62,570	37,630	566,582
1970	379,699	49,879	31,690	73,051	32,626	566,945
1971	392,862	36,244	26,471	82,058	30,396	568,031
1972	416,564	31,096	24,880	89,512	30,628	592,680
1973	428,065	26,436	21,495	93,488	30,178	599,662
1974	439,995	16,668	18,779	96,472	27,973	599,887
1975	462,723	11,208	15,179	95,128	23,428	607,666
1976	488,481	8,610	12,141	101,974	21,683	632,889
1977	516,333	6,631	9,850	92,146	20,254	645,214
1978	538,073	5,534	8,607	83,983	18,077	654,274
1979	552,364	4,650	7,596	80,735	17,203	662,548
1980	552,691	2,814	6,509	76,682	16,245	654,941
1981	553,703	2,130	5,465	74,024	15,477	650,799
1982	545,833	1,978	4,491	72,842	15,340	640,484
1983	550,530	1,122	3,958	77,102	15,970	648,682
1984	557,736	1,162	3,495	79,273	15,725	657,391
1981						
January	58,386	190	514	6,051	1,349	56,490
February	42,788	171	485	5,669	1,312	50,425
March	47,759	180	540	6,447	1,494	56,420
April	45,450	175	504	6,116	1,340	53,585
May	45,735	173	497	6,212	1,265	53,882
June	44,747	187	375	5,886	1,218	52,413
July	46,017	169	419	6,272	1,344	54,221
August	45,596	163	410	6,060	1,230	53,459
September	46,229	178	451	6,456	1,291	54,605
October	48,605	186	453	6,645	1,268	57,157
November	45,721	174	414	6,126	1,133	53,568
December	46,670	184	403	6,084	1,233	54,574
1982						
January	46,386	173	392	5,876	1,462	54,289
February	41,750	157	360	5,518	1,250	49,035
March	47,648	185	401	6,213	1,291	55,738
April	45,496	172	379	5,767	1,276	53,090
May	44,801	166	380	5,847	1,180	52,374
June	43,564	176	371	5,713	1,232	51,056
July	44,653	150	347	5,955	1,260	52,365
August	44,767	141	372	6,035	1,301	52,616
September	46,103	165	397	6,618	1,298	54,581
October	47,866	171	382	6,452	1,266	56,137
November	46,245	162	388	6,541	1,253	54,589
December	46,555	159	320	6,308	1,272	54,614
1983						
January	46,844	108	318	6,399	1,271	54,939
February	42,560	96	334	5,965	1,228	50,184
March	47,441	101	362	6,754	1,464	56,123
April	45,104	94	344	6,540	1,405	53,487
May	45,553	94	345	6,595	1,243	53,830
June	43,610	91	316	6,037	1,318	51,372
July	44,167	85	307	6,128	1,300	51,987
August	46,050	84	327	6,498	1,360	54,319
September	47,847	97	415	6,636	1,349	56,344
October	48,192	92	304	6,854	1,346	56,788
November	46,483	92	292	6,347	1,343	54,557
December	46,677	87	294	6,348	1,346	54,752
1984						
January	47,451	84	307	6,490	1,395	55,727
February	43,748	91	272	6,035	1,257	51,404
March	48,665	89	302	6,666	1,376	57,099
April	45,370	84	291	6,466	1,338	53,549
May	46,922	157	275	6,772	1,327	55,453
June	44,166	92	275	6,205	1,276	52,013
July	45,301	78	288	6,480	1,252	53,400
August	47,184	80	303	6,710	1,413	55,691
September	45,768	81	291	6,672	1,210	54,023
October	49,746	113	317	7,435	1,332	58,943
November	46,005	106	271	6,441	1,229	54,053
December	47,409	106	301	6,900	1,318	56,035

1/ Monthly and annual totals have been derived from unrounded data; therefore, the sum of monthly data may not equal annual totals. The original unrounded data may be found in Tables 30, 37, 38, 39, 40, and 41.

TABLE 37. SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA MARKETING AREAS, BY TYPE OF TRADE, 1984

Marketing Area	Wholesale	Retail	Cash-and-Carry	Peddler	Federal Government	Total
			(gallons)			
Northern California	193,431,518	97,516	331,305	28,390,976	5,970,264	228,221,579
South Valley	29,828,294	594,595	475,518	8,352,087	394,327	39,644,821
Southern California	331,821,150	468,451	2,668,489	41,263,953	9,355,052	385,577,095
Del Norte-Humboldt	2,635,346	1,766	19,811	996,446	5,505	3,658,874
Out of Area	19,810	---	---	269,266	---	289,076
STATE TOTALS	557,736,118	1,162,328	3,495,123	79,272,728	15,725,148	657,391,445

1/ Monthly detail for each of the trade types may be found in Tables 38, 39, 40, 41, and 30, respectively.

TABLE 38. WHOLESALE SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984 1/

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	16,099,593	14,759,172	16,571,413	15,586,975	16,194,674	15,455,307	15,966,090	16,706,447	16,115,293	17,473,232	16,014,584	16,488,738
South Valley	2,764,393	2,613,684	2,749,716	2,738,898	2,665,551	1,994,876	2,201,009	2,360,413	2,288,747	2,568,621	2,428,191	2,454,195
Southern California	28,370,075	26,184,398	29,132,680	26,833,268	27,836,428	26,493,224	26,921,715	27,850,642	27,165,529	29,452,901	27,343,006	28,237,284
Del Norte-Humboldt	216,819	190,754	204,629	198,395	225,233	222,134	211,799	266,166	199,007	251,671	219,597	229,142
Out of Area	---	---	6,814	12,996	---	---	---	---	---	---	---	---
STATE TOTALS	47,450,880	43,748,008	48,665,252	45,370,532	46,921,886	44,165,541	45,300,613	47,183,668	45,768,576	49,746,425	46,005,378	47,409,359

1/ Sales to institutions, such as California correctional facilities, are included.

TABLE 39. RETAIL HOME-DELIVERED SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	8,604	14,390	8,641	8,376	8,427	7,978	6,732	7,438	7,042	7,137	6,139	6,612
South Valley	51,129	48,399	52,551	47,798	51,324	46,894	46,024	47,952	49,219	55,145	49,710	48,450
Southern California	24,333	27,925	27,762	27,231	97,477	36,551	25,740	24,682	24,222	51,043	50,318	51,167
Del Norte-Humboldt	155	145	182	151	133	156	82	136	130	136	151	209
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	84,221	90,859	89,136	83,556	157,361	91,579	78,578	80,208	80,613	113,461	106,318	106,438

TABLE 40. CASH-AND-CARRY SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	29,691	22,480	30,693	28,363	28,257	26,861	27,190	27,944	27,652	29,655	22,058	30,461
South Valley	41,540	37,689	44,270	36,037	41,402	33,272	39,442	42,233	36,263	43,096	35,457	44,817
Southern California	234,094	210,481	225,466	224,905	203,393	213,331	220,580	231,477	225,948	242,289	212,041	224,484
Del Norte-Humboldt	1,973	1,817	2,000	1,800	1,788	1,440	1,204	1,536	1,575	1,726	1,488	1,464
Out of Area	---	---	---	---	---	---	---	---	---	---	---	---
STATE TOTALS	307,298	272,467	302,429	291,105	274,840	274,904	288,416	303,190	291,438	316,766	271,044	301,226

TABLE 41. PEDDLER SALES OF MARKET WHOLE MILK AND LOWFAT MILK IN CALIFORNIA, BY MARKETING AREAS, 1984

Marketing Area	January	February	March	April	May	June	July	August	September	October	November	December
						(gallons)						
Northern California	2,440,094	2,329,156	2,422,834	2,436,037	2,514,994	2,116,396	2,226,286	2,296,629	2,372,850	2,658,539	2,154,514	2,422,647
South Valley	552,359	490,115	564,535	552,094	720,257	635,622	757,403	802,090	753,204	923,617	748,877	851,914
Southern California	3,382,462	3,116,643	3,566,466	3,365,050	3,412,200	3,347,145	3,389,114	3,498,909	3,452,274	3,747,913	3,453,924	3,531,853
Del Norte-Humboldt	85,694	74,583	85,553	79,879	85,939	81,080	91,055	92,574	78,077	89,430	72,302	80,280
Out of Area	29,025	24,804	26,773	32,724	38,423	24,856	16,224	20,095	16,006	15,420	11,435	13,481
STATE TOTALS	6,489,634	6,035,301	6,666,161	6,465,784	6,771,813	6,205,099	6,480,082	6,710,297	6,672,411	7,434,919	6,441,052	6,900,175

MANUFACTURE OF DAIRY PRODUCTS

Approximately 192.3 million pounds of butter were manufactured in California during 1984. This was 0.8 percent more than 1983 and 53.1 percent more than the amount produced 10 years earlier in 1974.

The total manufacture of cheese, other than cottage cheese, in California during 1984 was approximately 304.8 million pounds. This production was 8.4 percent more than in 1983 and approximately 5 times the amount produced 10 years earlier. Of the cheese manufactured in 1984 approximately 164.1 million pounds were whole-milk varieties and 140.8 million pounds were part-skim and full-skim varieties. Between 1983 and 1984, the manufacture of whole-milk cheese decreased 0.5 percent and the manufacture of part-skim and full-skim cheese rose 21.0 percent. Table 46 presents the annual manufacture of cheese in California by major varieties for 1974 through 1984.

During 1984, approximately 90.7 million pounds of dry curd cottage cheese were manufactured in California. The addition of creaming mixtures to this curd resulted in an output of 86.2 million pounds of cottage cheese and 54.8 million pounds of lowfat cottage cheese. The approximate combined total of 141.0 million pounds manufactured represents cottage cheese in the form in which most of it is consumed. Between 1983 and 1984, the manufacture of cottage cheese and lowfat cottage cheese combined increased approximately 5.8 percent. The manufacture of lowfat cottage cheese increased 9.6 percent while the manufacture of cottage cheese increased 3.5 percent.

During 1984 approximately 174.8 million pounds of bulk unsweetened condensed skim milk were manufactured. This was 6.7 percent more than was manufactured during 1983.

During 1984 approximately 271.8 million pounds of nonfat-dry-milk for human consumption and 1.6 million pounds of nonfat-dry-milk for animal feed were manufactured in California. This was an increase of 1.8 percent from 1983 for nonfat-dry-milk for human consumption and an increase of 2.9 percent for nonfat-dry-milk for animal feed.

Approximately 10.1 million gallons of fluid buttermilk were manufactured in California during 1984. This was 2.9 percent more than the output during 1983.

The manufacture of frozen dairy products in California during 1984 included approximately 106.7 million gallons of ice cream, 29.6 million gallons of ice milk, 5.0 million gallons of sherbet, 0.2 million gallons of imitation ice cream, and 0.4 million gallons of imitation ice milk. The approximate total of 142.0 million gallons was 5.6 percent more than that manufactured during 1983. The above figures do not include approximately 6.3 million gallons of frozen yogurt manufactured in California in 1984. From 1983 to 1984 the manufacture of ice cream rose 5.6 percent. During the same period the manufacture of ice milk increased 6.2 percent, the manufacture of sherbet increased 6.2 percent, the manufacture of imitation ice cream declined 32.8 percent, and the manufacture of imitation ice milk was down 5.6 percent.

TABLE 42. MANUFACTURE OF BUTTER IN CALIFORNIA BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	10,962,167	12,592,617	13,936,278	14,651,221	16,389,834	13,706,153	17,472,840	18,269,455	20,171,690	19,308,876	18,916,692
February	9,989,288	11,202,981	12,275,942	12,123,977	13,686,543	11,204,275	14,368,038	15,261,939	17,724,011	16,325,399	15,782,184
March	10,151,825	11,694,039	13,381,540	14,640,591	13,185,028	10,475,405	15,021,046	17,293,307	19,363,903	16,725,687	16,123,645
April	11,072,643	12,346,089	12,676,329	12,989,137	11,994,616	12,368,969	15,708,064	16,438,185	18,841,361	16,765,427	15,941,613
May	11,202,095	12,152,798	13,157,264	14,192,474	11,799,244	12,422,328	16,267,872	16,086,130	17,107,921	16,684,347	16,937,181
June	10,944,203	10,661,744	12,762,151	13,486,607	10,409,551	11,563,892	14,940,750	14,212,188	15,287,300	14,013,743	15,042,821
July	11,306,455	11,825,001	12,262,099	12,721,550	11,422,898	12,035,293	15,712,291	13,882,773	15,696,889	15,056,091	13,878,854
August	10,995,455	11,774,787	12,853,778	12,038,240	10,539,619	12,783,856	14,458,690	14,769,701	14,848,865	14,505,658	15,313,413
September	9,914,230	10,514,034	11,398,496	11,806,168	11,203,995	12,166,567	15,861,546	15,217,859	15,058,144	14,494,730	13,244,906
October	10,197,702	10,564,615	11,857,142	13,231,827	9,629,160	12,738,973	15,906,239	18,197,073	16,634,931	16,707,427	16,494,889
November	8,643,438	9,993,856	9,275,922	11,621,442	8,443,751	12,250,821	13,560,172	15,647,474	15,017,214	14,664,231	16,615,333
December	10,229,583	10,326,667	11,198,867	13,439,129	10,230,387	13,250,536	15,905,969	17,084,388	16,975,480	15,533,196	18,021,238
Total	125,609,084	135,649,228	147,035,808	156,942,363	138,934,626	146,967,068	185,183,517	192,360,472	202,727,709	190,784,812	192,312,769

TABLE 43. MANUFACTURE OF CHEESE IN CALIFORNIA BY MONTHS, 1974-1984 1/

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	4,649,592	6,202,997	7,476,324	8,158,312	10,328,275	10,766,265	14,352,620	17,117,546	17,945,363	21,433,084	23,412,858
February	4,484,033	5,876,912	7,637,086	8,118,298	9,626,606	10,342,118	13,146,565	15,422,383	16,353,797	19,287,803	22,310,804
March	5,033,831	6,665,847	9,044,514	9,878,286	11,967,421	12,547,113	15,308,768	16,529,001	20,126,014	22,147,171	24,286,805
April	5,435,744	6,286,724	9,559,424	9,916,529	10,775,623	11,842,136	14,946,930	17,722,116	19,322,816	22,117,574	24,933,840
May	5,872,282	7,471,913	10,379,926	11,314,658	11,310,657	12,228,238	13,378,250	17,815,483	20,515,583	24,203,822	27,543,776
June	5,432,056	8,217,868	11,023,764	11,029,671	11,456,958	12,025,544	14,002,562	17,536,362	22,269,576	24,885,643	27,004,126
July	5,887,643	9,399,952	10,103,545	11,163,118	11,853,075	12,778,746	14,398,465	18,854,750	22,930,450	25,925,934	25,445,870
August	5,893,822	9,615,096	10,392,298	11,243,315	12,447,630	13,591,125	14,636,988	18,978,505	22,611,395	25,212,218	26,698,848
September	5,635,315	8,455,844	9,128,563	10,723,482	11,894,911	12,093,152	16,334,455	17,900,474	21,554,075	23,948,391	23,429,681
October	6,064,461	8,152,451	8,804,821	10,997,352	11,701,208	13,954,023	16,642,842	17,655,878	22,198,747	23,795,552	27,076,625
November	6,150,569	7,985,092	9,188,693	11,466,235	11,821,115	14,887,518	17,080,435	17,263,035	22,080,994	23,999,870	26,504,521
December	5,886,396	8,544,711	9,374,902	11,767,975	11,773,045	14,747,070	17,232,681	17,880,507	22,349,120	24,292,610	26,194,925
Total	66,425,744	92,875,407	112,113,860	125,777,231	136,956,524	151,803,048	181,461,561	210,676,040	250,257,930	281,249,672	304,842,679

1/ Cottage cheese is excluded.

TABLE 44. MANUFACTURE OF WHOLE-MILK CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	1,560,920	1,511,660	2,042,267	2,294,249	3,103,047	3,294,742	5,793,911	7,405,476	10,219,835	12,323,899	13,545,434
February	1,486,849	1,377,894	2,059,710	2,481,482	3,040,349	3,441,575	5,332,701	6,861,335	9,381,816	10,743,409	13,226,268
March	1,809,457	1,646,762	2,535,844	3,477,078	4,226,157	4,467,087	6,273,763	7,658,588	9,511,834	13,174,356	14,428,949
April	1,846,736	1,452,349	2,634,464	3,066,458	3,368,812	4,162,377	6,577,656	7,946,504	8,783,492	13,105,931	15,054,122
May	1,924,140	1,813,742	2,388,070	3,435,374	3,898,227	4,100,322	6,988,406	7,940,171	11,875,399	14,175,483	15,311,570
June	1,669,649	2,007,923	2,701,323	3,233,817	3,867,179	4,359,996	7,447,266	8,290,020	12,414,808	15,079,106	15,528,032
July	1,827,988	2,085,959	2,663,221	3,433,669	3,728,329	4,422,971	7,779,555	10,393,659	12,739,109	15,709,965	12,586,684
August	1,936,283	2,033,691	2,715,814	3,314,091	4,015,751	4,559,802	6,785,922	10,685,986	12,512,398	14,877,643	12,697,427
September	1,708,975	1,891,202	2,628,726	3,370,561	3,841,589	4,261,523	7,061,751	10,014,976	12,167,025	13,914,406	11,506,013
October	1,846,738	2,314,405	2,795,602	3,576,313	4,011,264	5,796,295	6,479,511	9,734,609	12,896,818	13,161,473	13,830,166
November	1,953,805	2,161,720	3,128,518	4,274,277	4,335,231	6,730,691	7,141,578	10,296,183	12,853,260	14,352,878	13,315,210
December	1,735,493	2,405,543	3,014,070	4,059,110	3,984,139	6,327,398	7,043,474	10,029,239	12,750,256	14,266,908	13,040,628
Total	21,307,033	22,702,850	31,307,629	40,016,479	45,420,074	55,924,779	80,705,494	107,256,746	138,106,050	164,885,457	164,070,503

TABLE 45. MANUFACTURE OF PART-SKIM AND FULL-SKIM CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	3,088,672	4,691,337	5,434,057	5,864,063	7,225,228	7,471,523	8,558,709	9,712,070	7,725,528	9,109,185	9,867,424
February	2,997,184	4,499,018	5,577,376	5,636,816	6,586,257	6,900,543	7,813,864	8,561,048	6,971,981	8,544,394	9,084,536
March	3,224,374	5,019,085	6,508,670	6,401,208	7,741,264	8,080,026	9,035,005	8,870,413	10,614,180	8,972,815	9,857,856
April	3,589,008	4,834,375	6,924,960	6,850,071	7,406,811	7,679,759	8,369,274	9,775,612	10,539,324	9,011,643	9,879,718
May	3,948,142	5,658,171	7,991,856	7,879,284	7,412,430	8,127,916	6,389,844	9,875,312	8,640,184	10,028,339	12,232,206
June	3,762,407	6,209,945	8,322,441	7,795,854	7,589,779	7,665,548	6,555,296	9,246,342	9,854,768	9,806,537	11,476,094
July	4,059,655	7,313,993	7,440,324	7,729,449	8,124,746	8,355,775	6,857,433	8,461,091	10,191,341	10,215,969	12,859,186
August	3,957,539	7,581,405	7,676,484	7,929,224	8,431,879	9,031,323	7,612,543	8,292,519	10,098,997	10,334,575	14,001,421
September	3,926,340	6,564,642	6,499,837	7,352,921	8,053,322	7,831,629	9,272,704	7,885,498	9,387,050	10,033,985	11,923,668
October	4,217,723	5,838,046	6,009,219	7,421,039	7,689,944	8,157,728	10,163,331	7,921,269	9,301,929	10,634,079	13,246,459
November	4,196,764	5,823,372	6,060,175	7,191,958	7,485,884	8,156,827	9,938,857	6,966,852	9,227,734	9,646,992	13,189,311
December	4,150,903	6,139,168	6,360,832	7,708,865	7,788,906	8,419,672	10,189,207	7,851,268	9,598,864	10,025,702	13,154,297
Total	45,118,711	70,172,557	80,806,231	85,760,752	91,536,450	95,878,269	100,756,067	103,419,294	112,151,880	116,364,215	140,772,176

TABLE 46. MANUFACTURE OF CHEESE IN CALIFORNIA, BY VARIETIES, 1974-1984 1/

	Whole-Milk Cheese						Part and Full-skim Cheese	Total
	American Cheddar	Monterey	Cream	Italian	Other Varieties	All Varieties	All Varieties	
	(pounds)							
1974	1,217,078	4,185,017	3,698,368	10,669,735	1,536,835	21,307,033	45,118,711	66,425,744
1975	1,044,126	4,390,338	4,728,098	10,957,821	1,582,467	22,702,850	70,172,557	92,875,407
1976	2,229,402	6,255,894	6,121,087	15,037,311	1,663,935	31,307,629	80,806,231	112,113,860
1977	4,907,528	7,428,076	8,602,083	17,848,167	1,230,625	40,016,479	85,760,752	125,777,231
1978	6,104,926	9,240,999	9,489,692	19,430,775	1,153,682	45,420,074	91,536,450	136,956,524
1979	12,608,285	10,892,975	9,718,490	21,449,818	1,255,231	55,924,799	95,878,269	151,803,068
1980	36,421,283	11,284,408	7,170,170	24,402,956	1,426,677	80,705,494	100,756,067	181,461,561
1981	57,137,034	13,806,456	8,564,955	26,354,122	1,394,179	107,256,746	103,419,294	210,676,040
1982	78,720,707	19,023,143	10,811,407	28,163,450	1,387,343	138,106,050	112,151,880	250,257,930
1983	84,747,859	25,067,086	11,183,010	42,543,960	1,343,542	164,885,457	116,364,215	281,249,672
1984	78,387,673	30,622,599	11,438,114	42,227,980	1,394,137	164,070,503	140,772,176	304,842,679

1/ Cottage Cheese is excluded.

TABLE 47. MANUFACTURE OF DRY CURD COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
	(pounds)										
January	9,647,590	8,772,633	8,784,816	8,821,369	8,555,193	8,553,584	8,388,650	8,316,490	7,435,377	7,374,644	6,883,741
February	8,979,980	8,311,003	8,198,303	8,086,778	8,048,785	7,692,518	8,100,555	7,564,786	6,955,977	6,760,261	6,773,418
March	9,880,725	8,769,151	9,343,707	9,207,129	9,127,474	9,124,044	8,786,304	8,423,881	8,102,337	7,645,925	7,386,701
April	9,290,489	8,466,937	8,838,416	8,840,526	8,766,513	8,407,773	8,650,741	8,486,280	7,623,330	7,549,011	7,259,495
May	9,639,003	9,424,678	9,691,827	9,247,397	9,521,989	9,175,161	8,742,730	9,102,668	8,026,146	7,501,383	7,562,864
June	9,318,624	9,065,336	9,290,274	9,141,362	8,960,525	8,682,715	8,494,076	9,119,751	7,630,116	7,287,505	7,826,679
July	9,546,019	8,852,506	9,427,987	8,908,293	8,498,589	8,550,961	9,016,215	8,997,098	7,651,955	7,118,641	8,734,169
August	9,368,456	8,650,326	9,076,138	9,170,486	9,048,073	8,962,626	8,932,936	8,444,538	7,662,961	7,409,483	8,535,710
September	9,107,393	8,502,292	9,050,109	8,815,959	8,750,809	8,637,639	8,224,678	7,864,806	7,362,107	6,965,640	8,197,329
October	9,276,813	8,788,308	8,985,906	8,744,202	9,122,082	8,761,860	8,449,034	7,413,406	7,282,424	6,765,722	8,017,996
November	8,301,323	7,895,481	8,467,297	8,172,446	7,892,489	7,344,452	7,823,489	7,117,964	6,340,007	6,236,695	6,721,421
December	7,800,942	7,593,574	7,442,166	7,683,556	7,164,394	7,528,050	7,279,978	6,624,347	5,997,343	5,730,292	6,782,989
Total	110,157,357	103,092,225	106,596,946	104,839,503	103,456,915	101,421,383	100,889,386	97,476,015	88,070,080	84,345,202	90,682,512

TABLE 48. MANUFACTURE OF LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984 1/

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	3,652,816	3,470,980	3,616,842	3,600,474	3,764,804	3,843,544	4,061,641	4,209,653	4,006,481	4,361,457	4,075,219
February	3,374,184	3,084,193	3,430,932	3,345,070	3,488,713	3,495,923	3,883,595	3,878,860	3,861,500	3,931,079	4,167,623
March	3,649,387	3,455,308	3,888,849	3,768,905	4,096,729	4,135,972	4,180,645	4,402,320	4,518,937	4,501,084	4,542,858
April	3,400,144	3,498,758	3,619,523	3,626,851	3,903,565	3,936,209	4,286,549	4,475,300	4,324,553	4,477,603	4,571,611
May	3,621,149	3,954,872	3,919,527	3,899,727	4,361,463	4,411,876	4,338,204	4,929,638	4,439,553	4,572,122	4,681,761
June	3,387,994	3,698,119	3,794,034	3,608,846	4,003,132	3,976,245	4,332,653	4,749,096	4,161,630	4,382,668	4,810,423
July	3,474,205	3,681,714	3,792,626	3,399,140	3,692,613	3,996,987	4,646,651	4,675,398	4,415,952	4,213,732	5,222,969
August	3,416,813	3,407,600	3,633,665	3,749,424	3,897,303	4,100,634	4,391,793	4,272,917	4,293,888	4,400,662	5,187,659
September	3,284,650	3,440,069	3,658,316	3,695,580	3,817,076	3,950,592	4,145,787	4,209,363	4,138,996	4,217,897	4,815,229
October	3,400,493	3,554,722	3,577,577	3,651,488	3,945,632	4,084,960	4,314,793	4,065,081	4,067,088	4,069,631	4,771,114
November	3,009,683	3,138,655	3,376,688	3,565,145	3,520,483	3,473,883	3,762,716	3,857,898	3,658,666	3,553,680	3,994,259
December	2,824,548	3,062,314	3,043,142	3,262,509	3,155,652	3,382,094	3,535,297	3,578,737	3,408,023	3,336,305	3,992,690
Total	40,496,066	41,447,304	43,351,721	43,173,159	45,647,165	46,788,919	49,880,324	51,304,261	49,295,267	50,017,920	54,833,415

1/ Lowfat cottage cheese is partially creamed.

TABLE 49. MANUFACTURE OF COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	9,745,751	8,956,412	8,310,661	8,681,220	8,298,828	8,444,323	8,223,870	7,665,950	7,239,576	7,081,527	6,995,035
February	8,949,872	7,710,650	8,206,176	8,099,161	7,760,148	7,565,154	7,826,150	7,115,675	6,699,119	6,351,363	6,710,632
March	9,832,001	8,747,378	9,315,200	8,892,550	8,832,732	8,869,190	8,525,449	7,902,243	7,708,171	7,229,474	7,221,711
April	9,196,416	8,669,944	8,868,354	8,609,387	8,437,073	8,380,940	8,342,269	7,830,824	7,205,769	7,019,945	7,139,835
May	9,862,835	9,101,057	10,146,033	9,131,717	9,193,496	8,879,447	8,289,668	8,259,049	7,567,194	7,476,893	7,354,656
June	9,176,694	9,112,443	9,343,647	9,153,393	8,809,945	8,604,792	8,205,420	8,255,515	7,200,281	7,127,575	7,249,677
July	9,306,534	9,050,408	9,356,554	8,993,469	8,496,558	8,718,928	8,548,389	8,220,776	7,257,056	7,100,718	8,225,073
August	9,182,377	8,885,774	9,131,928	9,053,997	8,779,886	8,854,460	8,530,618	7,800,747	7,468,767	7,554,627	7,682,935
September	8,893,337	8,691,062	9,068,372	8,583,848	8,407,266	8,518,996	7,891,790	7,605,910	7,247,078	7,039,973	7,517,945
October	9,076,318	8,629,939	8,967,540	8,580,982	8,969,546	8,595,947	8,200,186	7,341,109	7,227,101	6,960,590	7,454,402
November	8,025,690	7,821,195	8,461,539	8,042,024	7,769,617	7,523,897	7,302,111	7,053,774	6,396,579	6,508,451	6,407,086
December	7,717,472	7,700,769	7,762,676	7,642,962	6,980,292	7,477,502	6,762,964	6,598,175	6,045,935	5,838,795	6,252,725
Total	108,965,297	103,077,031	106,938,680	103,464,710	100,735,387	100,433,576	96,648,884	91,649,747	85,262,626	83,289,931	86,211,712

TABLE 50. MANUFACTURE OF COTTAGE CHEESE AND LOWFAT COTTAGE CHEESE IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	13,398,567	12,427,392	11,927,503	12,281,694	12,063,632	12,287,867	12,285,511	11,875,603	11,246,057	11,442,984	11,070,254
February	12,324,056	10,794,843	11,637,108	11,444,231	11,248,861	11,061,077	11,709,745	10,994,535	10,560,619	10,282,442	10,878,255
March	13,481,388	12,202,686	13,204,049	12,661,455	12,929,461	13,005,162	12,706,094	12,304,563	12,227,108	11,730,558	11,764,569
April	12,596,560	12,168,702	12,487,877	12,236,238	12,340,638	12,317,149	12,628,818	12,306,124	11,530,322	11,497,548	11,711,446
May	13,483,984	13,055,929	14,065,560	13,031,444	13,554,959	13,291,323	12,627,872	13,188,687	12,006,747	12,049,015	12,036,417
June	12,564,688	12,810,562	13,137,681	12,762,239	12,813,077	12,581,037	12,538,073	13,004,611	11,361,911	11,510,243	12,060,100
July	12,780,739	12,732,122	13,149,180	12,392,609	12,189,171	12,715,915	13,195,040	12,896,174	11,673,008	11,314,450	13,448,042
August	12,599,190	12,293,374	12,765,593	12,803,421	12,677,189	12,955,094	12,922,411	12,073,664	11,762,655	11,955,289	12,870,594
September	12,177,987	12,131,131	12,726,688	12,279,428	12,224,342	12,469,588	12,037,577	11,815,273	11,386,074	11,257,870	12,333,174
October	12,476,811	12,184,661	12,545,117	12,232,470	12,915,178	12,680,907	12,514,979	11,406,190	11,294,189	11,030,221	12,225,516
November	11,035,373	10,959,850	11,838,227	11,607,169	11,290,100	10,997,780	11,064,827	10,911,672	10,055,245	10,062,131	10,401,345
December	10,542,020	10,763,083	10,805,818	10,905,471	10,135,944	10,859,596	10,298,261	10,176,912	9,453,958	9,175,100	10,245,415
Total	149,461,363	144,524,335	150,290,401	146,637,869	146,382,552	147,222,495	146,529,208	142,954,008	134,557,893	133,307,851	141,045,127

TABLE 51. MANUFACTURE OF UNSWEETENED CONDENSED SKIM MILK IN CALIFORNIA, BY MONTHS, 1974-1984 1/

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	9,618,695	9,165,078	8,081,236	9,791,654	9,268,658	8,584,679	9,476,052	9,868,071	9,208,647	12,952,059	12,513,337
February	8,811,569	7,626,459	8,201,451	8,328,236	7,214,443	7,120,651	9,711,197	9,459,283	8,319,233	9,595,845	12,872,177
March	9,978,255	10,450,273	9,840,149	11,011,688	8,853,721	8,760,017	10,154,329	9,388,627	11,687,943	11,256,307	14,543,532
April	10,940,951	10,763,924	10,614,597	11,642,026	8,659,040	8,655,491	10,989,971	10,700,235	11,045,774	11,716,635	17,037,066
May	11,089,064	11,468,445	11,850,413	11,066,750	9,058,303	9,639,221	11,671,242	9,812,147	16,154,701	14,202,202	14,812,570
June	11,595,566	14,741,690	12,855,870	12,452,324	10,009,188	9,246,262	12,146,707	10,418,619	15,524,990	15,564,762	14,327,669
July	13,153,165	13,026,091	12,124,769	12,143,686	9,853,672	11,642,227	12,311,181	11,349,757	10,831,618	15,739,444	16,596,966
August	11,506,969	11,359,065	14,263,072	12,014,477	10,103,618	11,964,264	12,401,967	10,236,911	14,143,380	15,478,554	16,355,272
September	8,413,245	10,234,208	11,613,428	10,573,345	8,857,169	9,834,736	11,008,721	9,523,691	13,029,751	15,211,243	13,496,826
October	8,993,785	10,438,376	9,015,675	10,347,985	9,863,190	11,297,223	10,517,682	10,294,324	12,724,473	14,143,687	14,810,752
November	8,225,159	9,021,033	10,299,855	10,199,332	9,065,406	9,362,524	10,300,488	10,949,862	11,120,135	14,324,952	14,303,830
December	11,234,731	9,159,881	9,641,787	12,511,926	8,692,871	10,396,026	10,345,447	10,981,930	11,308,766	13,631,586	13,122,914
Total	123,561,154	127,454,523	128,402,302	132,083,429	109,499,279	116,503,321	131,034,984	122,983,457	145,099,411	163,817,276	174,792,911

1/ Bulk goods.

TABLE 52. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR HUMAN CONSUMPTION, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	7,475,740	9,035,862	10,791,036	10,569,350	12,884,450	8,962,224	15,454,077	18,455,445	22,994,664	21,424,183	20,650,067
February	7,804,479	9,503,929	10,851,296	11,593,076	11,016,653	8,304,622	14,475,250	17,534,087	21,590,016	16,494,334	19,677,973
March	9,830,353	10,833,292	12,610,301	13,315,478	11,648,330	11,524,576	16,033,128	21,114,324	24,702,566	20,576,912	23,457,246
April	12,958,129	13,377,070	15,492,510	16,561,669	13,698,670	15,928,614	20,152,911	22,446,860	23,931,326	23,146,591	25,136,846
May	15,253,087	16,079,604	16,455,018	17,671,645	14,977,989	18,559,318	24,481,766	23,613,380	25,796,772	24,911,807	27,514,427
June	15,662,440	15,802,979	16,401,921	18,549,932	16,111,259	19,938,666	24,520,792	22,519,106	24,420,992	25,622,979	26,087,558
July	15,688,877	15,877,147	17,257,017	19,682,565	18,201,082	20,903,488	25,803,776	23,801,328	25,471,509	27,128,242	23,876,337
August	14,994,998	14,624,309	16,156,848	17,252,583	15,872,671	20,696,740	23,783,065	23,490,570	24,560,029	24,292,875	25,094,311
September	10,693,257	10,831,815	11,865,423	14,203,492	12,268,126	17,022,984	20,647,326	21,878,667	21,893,654	19,967,215	18,303,500
October	9,519,112	10,589,187	11,166,815	14,205,928	10,186,067	16,358,759	19,929,656	23,815,803	22,116,181	22,674,789	20,467,633
November	7,820,894	9,459,471	10,278,288	12,279,436	9,446,170	15,056,120	17,652,461	21,334,319	20,008,441	20,233,197	20,259,359
December	9,718,696	10,869,052	11,869,999	13,979,498	10,586,351	15,189,768	19,682,429	23,271,639	22,111,699	20,623,356	21,313,002
Total	137,420,062	146,883,717	161,196,472	179,864,652	156,897,818	188,445,879	242,616,637	263,275,528	279,597,849	267,096,480	271,838,259

TABLE 53. MANUFACTURE OF NONFAT-DRY-MILK IN CALIFORNIA FOR ANIMAL FEED, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
					(pounds)						
January	59,167	65,507	66,638	58,617	85,559	58,359	86,577	134,919	137,936	150,742	118,161
February	45,809	63,984	57,275	68,169	91,792	56,539	100,878	94,365	119,782	108,078	106,731
March	64,327	78,300	53,911	76,625	89,570	64,650	133,266	154,188	135,077	88,087	123,516
April	98,672	90,718	105,228	90,662	90,652	86,380	99,863	126,439	192,902	131,393	149,804
May	77,119	108,030	202,646	112,930	101,778	118,655	133,522	148,126	235,174	132,764	190,918
June	107,751	144,855	82,613	115,699	98,670	106,576	155,472	180,054	233,343	126,088	129,288
July	152,679	156,867	111,120	139,194	145,775	150,033	154,648	210,961	172,949	203,572	155,934
August	205,000	139,450	112,797	134,706	96,819	152,431	132,554	138,140	190,686	187,312	170,482
September	70,679	109,324	98,043	114,654	88,036	107,556	183,154	186,125	186,563	112,363	135,904
October	68,118	62,264	98,943	115,868	78,788	120,645	137,595	167,370	105,243	88,082	113,953
November	45,694	47,761	61,746	74,969	83,432	96,416	127,027	174,985	95,564	90,130	112,093
December	50,423	66,002	53,746	84,598	85,563	108,413	143,926	268,310	125,667	119,429	76,233
Total	1,045,438	1,133,062	1,104,706	1,186,691	1,136,434	1,226,653	1,588,482	1,983,982	1,930,886	1,538,040	1,583,017

TABLE 54. MANUFACTURE OF BUTTERMILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	1,103,970	1,057,685	1,098,310	1,058,880	1,003,433	973,150	903,952	873,549	781,913	784,464	848,653
February	993,593	947,666	1,008,481	1,003,158	936,289	898,208	858,367	825,838	759,541	735,449	767,272
March	1,109,433	1,044,636	1,137,617	1,112,213	1,093,092	984,272	893,810	933,728	870,579	868,205	819,708
April	1,083,728	1,052,797	1,086,856	1,071,905	1,017,698	932,276	907,591	909,652	816,974	778,503	807,962
May	1,119,802	1,071,447	1,164,337	1,067,906	1,090,987	993,324	898,227	895,733	840,898	855,764	863,943
June	1,091,171	1,076,348	1,169,243	1,065,695	1,056,935	943,424	917,105	928,336	816,702	830,023	772,195
July	1,188,935	1,162,300	1,197,635	1,087,746	1,053,947	957,338	918,719	947,983	819,431	816,324	876,722
August	1,148,991	1,098,679	1,154,832	1,153,955	1,058,664	1,007,482	942,759	877,717	841,283	876,953	937,901
September	1,116,283	1,101,379	1,147,950	1,068,665	985,881	963,164	894,562	894,058	803,430	825,039	868,910
October	1,098,458	1,108,217	1,113,128	1,050,839	1,034,174	937,489	917,431	829,179	797,110	792,457	868,444
November	1,004,158	1,035,481	1,096,622	1,019,174	944,796	868,360	855,771	840,167	788,075	849,820	852,535
December	1,007,397	1,037,062	1,132,502	991,425	892,031	882,432	868,261	821,168	788,984	829,796	840,160
Total	13,065,919	12,793,697	13,507,513	12,751,561	12,167,927	11,340,919	10,776,555	10,557,108	9,724,920	9,842,797	10,124,405

TABLE 55. MANUFACTURE OF ICE CREAM IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	5,919,195	6,124,862	6,191,071	5,907,774	5,835,485	6,350,980	6,247,041	6,205,235	6,369,178	6,217,188	6,931,142
February	5,510,428	5,693,346	6,135,084	5,944,672	5,926,463	6,307,557	6,983,138	6,603,166	6,598,596	7,131,544	7,989,726
March	6,568,808	6,639,206	7,532,902	7,799,978	7,828,013	7,712,701	7,770,253	7,897,802	8,521,556	9,109,709	9,249,867
April	6,557,482	6,703,270	7,026,875	7,308,319	7,151,847	7,345,798	7,669,571	7,622,194	7,856,208	7,976,684	8,799,618
May	6,683,655	7,365,981	7,352,618	7,065,941	8,044,078	8,075,767	7,759,459	7,996,749	8,341,210	8,374,678	10,040,751
June	7,481,036	8,556,406	8,414,576	8,216,024	9,190,663	8,743,310	8,475,633	9,638,159	9,533,305	10,485,562	10,243,651
July	8,357,363	8,773,057	9,098,317	8,060,791	8,506,610	8,642,687	9,482,641	10,381,126	9,417,652	9,759,724	10,695,734
August	8,124,573	8,028,080	8,397,903	8,755,703	9,151,216	9,285,620	9,314,616	9,070,995	9,674,414	10,839,800	11,087,596
September	7,125,017	7,506,902	7,503,049	7,508,619	6,945,402	7,356,422	7,449,444	8,319,800	8,794,146	9,455,822	9,336,604
October	6,768,115	7,405,795	6,429,161	6,556,530	7,713,146	8,009,799	7,708,245	7,207,262	7,241,206	7,618,126	9,059,391
November	5,640,085	5,658,715	6,661,622	6,539,043	6,655,471	6,121,780	5,712,745	6,527,797	6,769,825	7,242,970	6,774,638
December	5,529,014	6,275,272	6,057,021	5,706,187	5,282,815	5,156,936	6,140,630	6,709,143	6,121,166	6,856,013	6,478,330
Total	80,264,771	84,730,892	86,800,199	85,369,581	88,231,209	89,109,537	90,713,416	94,179,428	95,238,462	101,067,820	106,687,048

TABLE 56. MANUFACTURE OF ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	2,235,050	1,899,744	1,900,399	1,713,423	1,782,391	1,877,067	1,872,419	1,881,620	1,809,087	1,679,849	1,892,987
February	1,937,291	1,866,529	1,824,942	1,869,612	2,012,162	1,904,318	2,001,004	1,981,683	1,952,525	1,838,821	2,026,118
March	2,270,860	2,351,827	2,512,319	2,521,498	2,469,702	2,425,873	2,346,037	2,283,809	2,328,022	2,249,443	2,487,987
April	2,437,799	2,297,546	2,264,591	2,334,809	2,322,322	2,301,330	2,335,254	2,551,102	2,378,287	2,113,932	2,333,752
May	2,709,705	2,775,099	2,534,664	2,503,741	2,933,525	2,629,670	2,552,836	2,527,268	2,571,628	2,652,139	2,839,864
June	2,719,560	2,903,342	2,615,247	2,856,664	2,958,212	2,740,882	2,622,433	2,977,307	2,660,004	2,720,504	2,810,004
July	3,037,060	3,142,004	2,669,884	2,738,493	2,770,006	2,788,345	2,936,872	2,960,275	2,787,994	2,702,191	3,098,789
August	2,959,873	2,863,496	2,469,495	2,926,940	3,008,282	2,802,117	2,843,620	2,595,438	2,831,783	2,977,533	3,110,557
September	2,537,053	2,596,843	2,312,986	2,568,294	2,383,569	2,509,214	2,708,163	2,486,816	2,452,936	2,638,887	2,610,466
October	2,446,155	2,466,981	2,194,081	2,311,192	2,509,024	2,496,452	2,488,298	2,173,617	2,267,901	2,391,954	2,447,702
November	1,851,859	2,020,465	2,049,072	1,972,672	2,119,654	2,119,034	1,899,994	1,915,522	1,928,209	1,964,902	2,022,987
December	1,682,336	2,024,371	1,868,762	1,799,371	1,733,465	1,822,970	2,149,025	2,042,557	1,761,571	1,913,665	1,880,304
Total	28,824,601	29,208,247	27,216,442	28,116,709	29,002,314	28,417,272	28,755,955	28,377,014	27,729,947	27,843,820	29,561,517

TABLE 57. MANUFACTURE OF SHERBET IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	460,598	425,339	397,052	411,666	349,157	383,318	364,749	311,770	347,199	300,390	306,581
February	401,815	330,019	437,252	386,777	313,724	329,255	336,516	349,817	293,585	313,134	363,646
March	455,098	455,128	533,318	500,613	462,368	456,522	385,572	401,241	412,352	376,730	419,227
April	531,311	473,018	517,125	440,192	404,669	381,212	451,686	376,517	397,404	386,881	421,254
May	531,205	521,658	517,225	519,196	523,444	489,162	437,732	447,270	443,050	427,181	470,362
June	677,441	610,483	772,432	583,643	614,240	593,302	438,194	552,303	483,359	522,594	523,115
July	673,779	610,724	764,628	603,670	520,876	549,096	609,372	674,031	462,494	466,175	564,490
August	692,469	561,021	578,995	681,118	532,562	546,676	553,245	459,737	534,173	549,806	535,337
September	537,475	535,232	568,992	486,265	392,661	422,243	367,276	464,936	467,853	450,009	475,975
October	466,134	493,205	423,015	382,210	497,272	465,705	416,086	328,654	320,424	349,525	379,263
November	371,711	331,810	435,332	387,815	355,030	329,777	289,340	260,100	297,396	329,927	311,823
December	366,655	433,046	388,799	327,574	265,793	241,448	365,870	325,359	287,516	282,559	278,308
Total	6,165,691	5,780,683	6,334,165	5,710,739	5,231,796	5,187,716	5,015,638	4,951,735	4,746,805	4,754,911	5,049,381

TABLE 58. MANUFACTURE OF IMITATION ICE CREAM IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	408,884	293,282	249,537	150,771	121,878	139,716	85,887	84,991	58,338	32,645	18,328
February	262,923	285,796	162,877	174,302	126,241	150,493	106,940	86,492	30,615	53,114	21,167
March	362,921	325,666	256,568	254,513	240,834	133,490	97,292	73,033	59,355	48,327	17,240
April	322,659	305,123	239,729	176,495	156,639	164,277	110,595	86,510	47,529	25,690	25,225
May	403,584	340,165	227,232	186,689	154,087	104,239	114,103	110,514	71,898	30,811	23,682
June	363,568	368,366	275,470	272,884	242,583	188,805	126,704	117,851	47,559	40,210	18,002
July	439,315	357,915	253,746	207,376	174,659	96,434	168,979	107,032	69,747	30,539	30,024
August	347,062	318,161	264,110	204,210	184,196	190,040	151,736	64,801	56,659	28,869	20,629
September	367,995	266,335	201,506	189,742	151,380	148,208	67,301	66,757	66,107	20,640	19,458
October	299,828	300,440	244,140	133,273	151,063	105,293	140,496	81,076	60,716	18,299	23,209
November	252,737	191,501	149,111	132,109	119,974	90,353	57,453	53,795	30,287	13,570	8,761
December	197,374	219,464	131,559	122,254	99,518	55,875	78,515	29,506	14,136	14,638	14,585
Total	4,028,850	3,572,214	2,655,585	2,204,618	1,923,052	1,567,223	1,306,001	962,358	612,946	357,352	240,310

TABLE 59. MANUFACTURE OF IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	325,270	235,128	175,776	120,086	77,208	94,091	57,320	50,508	27,760	23,517	22,196
February	318,340	267,368	169,570	150,497	111,726	70,614	60,396	75,254	36,135	27,978	44,210
March	384,440	284,481	305,227	200,798	122,171	135,401	82,734	65,790	71,433	48,673	43,445
April	376,679	280,182	296,356	149,576	158,291	92,791	113,594	78,968	64,878	32,556	36,741
May	411,833	308,778	261,889	179,315	144,561	134,940	75,362	69,301	54,879	39,311	37,819
June	429,558	355,000	251,204	176,219	169,502	105,344	105,706	95,035	56,758	70,585	46,930
July	426,222	331,111	289,209	190,826	141,430	125,292	106,439	94,074	56,279	46,039	42,669
August	427,599	298,634	232,217	211,782	145,842	109,214	105,737	71,097	41,278	63,399	56,660
September	370,816	289,092	193,613	159,909	132,860	77,619	80,342	61,626	43,527	31,075	39,722
October	330,463	206,551	154,566	107,156	126,571	105,029	70,986	52,600	30,088	33,483	26,577
November	266,217	173,934	153,307	120,752	92,476	60,237	54,087	44,893	34,339	21,614	11,083
December	198,555	144,081	119,128	105,707	75,157	49,762	46,511	22,790	15,546	11,496	16,250
Total	4,265,992	3,174,340	2,602,062	1,872,623	1,497,795	1,160,334	959,214	781,936	532,900	449,726	424,302

TABLE 60. MANUFACTURE OF IMITATION ICE CREAM AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	734,154	528,410	425,313	270,857	199,086	233,807	143,207	135,499	86,098	56,162	40,524
February	581,263	553,164	332,447	324,799	237,967	221,107	167,336	161,746	66,750	81,092	65,377
March	747,361	610,147	561,795	455,311	363,005	268,891	180,026	138,823	130,788	97,000	60,685
April	699,338	585,305	536,085	326,071	314,930	257,068	224,189	165,478	112,407	58,246	61,966
May	815,417	648,943	489,121	366,004	298,648	239,179	189,465	179,815	126,777	70,122	61,501
June	793,126	723,366	526,674	449,103	412,085	294,149	232,410	212,886	104,317	110,795	64,932
July	865,537	689,026	542,955	398,202	316,089	221,726	275,418	201,106	126,026	76,578	72,693
August	774,661	616,795	496,327	415,992	330,038	299,254	257,473	135,898	97,937	92,268	77,289
September	738,811	555,427	395,119	349,651	284,240	225,827	147,643	128,383	109,634	51,715	59,180
October	630,291	506,991	398,706	240,429	277,634	210,322	211,482	133,676	90,804	51,782	49,786
November	518,954	365,435	302,418	252,861	212,450	150,590	111,540	98,688	64,626	35,184	19,844
December	395,929	363,545	250,687	227,961	174,675	105,637	125,026	52,296	29,682	26,134	30,835
Total	8,294,842	6,746,554	5,257,647	4,077,241	3,420,847	2,727,557	2,265,215	1,744,294	1,145,846	807,078	664,612

TABLE 61. MANUFACTURE OF ICE CREAM, ICE MILK, SHERBET, IMITATION ICE CREAM, AND IMITATION ICE MILK IN CALIFORNIA, BY MONTHS, 1974-1984

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
						(gallons)					
January	9,348,997	8,978,355	8,913,835	8,303,720	8,166,119	8,845,172	8,627,416	8,534,125	8,611,562	8,253,589	9,171,234
February	8,430,797	8,443,058	8,729,725	8,525,860	8,490,316	8,762,237	9,487,994	9,096,412	8,911,456	9,364,591	10,444,867
March	10,042,127	10,056,308	11,140,334	11,277,400	11,123,088	10,863,987	10,681,888	10,721,675	11,392,718	11,832,882	12,217,766
April	10,225,930	10,059,139	10,344,676	10,409,391	10,193,768	10,285,408	10,680,700	10,715,291	10,744,306	10,535,743	11,616,590
May	10,739,982	11,311,681	10,893,628	10,454,882	11,799,695	11,433,778	10,939,492	11,151,102	11,482,665	11,524,120	13,412,478
June	11,671,163	12,793,597	12,328,929	12,105,434	13,175,200	12,371,643	11,768,670	13,380,655	12,780,985	13,839,455	13,641,702
July	12,933,739	13,214,811	13,075,784	11,801,156	12,113,581	12,201,854	13,304,303	14,216,538	12,794,166	13,004,668	14,431,706
August	12,551,576	12,069,392	11,942,720	12,779,753	13,022,098	12,933,667	12,968,954	12,262,068	13,138,307	14,459,407	14,810,779
September	10,938,356	11,194,404	10,780,146	10,912,829	10,005,872	10,513,706	10,672,526	11,399,935	11,824,569	12,596,433	12,482,225
October	10,310,695	10,872,972	9,444,963	9,490,361	10,997,076	11,182,278	10,824,111	9,843,209	9,920,335	10,411,387	11,936,142
November	8,382,609	8,376,425	9,448,444	9,152,391	9,342,605	8,721,181	8,013,619	8,802,107	9,060,056	9,572,983	9,129,292
December	7,973,934	9,096,234	8,565,269	8,061,093	7,456,748	7,326,991	8,780,551	9,129,355	8,199,935	9,078,371	8,667,777
Total	123,549,905	126,466,376	125,608,453	123,274,270	125,886,166	125,441,902	126,750,224	129,252,472	128,861,060	134,473,629	141,962,558

CONSUMPTION AND MANUFACTURE PER CAPITA OF DAIRY PRODUCTS

The population of California on July 1, 1984, was estimated by the California Department of Finance to be 25,635,750. This represented an approximate increase of 529 thousand persons or 2.1 percent from the same date a year earlier.

Although no data are collected which directly relate to the consumption of dairy products in California, the quantities of some dairy products either sold or manufactured in California represent reasonably well the quantities consumed in the State. These are products which for the most part are neither imported nor exported in significant amounts and which are not storable for any extended period of time. Products that have these characteristics and for which sales data are available are: fluid whole and lowfat milk, fluid skim milk, half-and-half, yogurt, and miscellaneous Class 1 products. The quantities of manufactured products produced in this State which may be assumed to represent those consumed here are limited to cottage cheese, buttermilk, and frozen products.

The sales of various dairy products and the manufacture of selected processed dairy products are expressed in either quarts per capita or pounds per capita in Table 62. Population figures used are those shown in the first column of the Table. All per capita estimates have been derived from unrounded data.

Per capita sales of all Class 1 dairy products in California during 1984 amounted to 114.44 quarts. These 114.44 quarts included: 102.57 quarts of fluid whole and lowfat milk, 7.40 quarts of skim milk, 1.75 quarts of half-and-half, and 2.72 quarts of yogurt and miscellaneous Class 1 products. Valid comparisons of the per capita sales of these items for 1974 and later cannot be made with data for 1973 and earlier due to product reclassifications and changes in reporting procedures. For example, fluid creams are no longer Class 1 products, while yogurt is a Class 1 product. Flavored dairy drinks are now included with either fluid whole and lowfat milk or fluid skim milk, depending on the fat content.

In 1984 manufacture per capita of creamed and lowfat cottage cheese in California totaled 5.50 pounds, an increase of 3.6 percent from 1983. Creamed cottage cheese accounted for 3.36 pounds per capita, and lowfat cottage cheese accounted for 2.14 pounds per capita. Between 1983 and 1984, the manufacture per capita of creamed cottage cheese increased 1.2 percent and the manufacture per capita of lowfat cottage cheese increased 7.5 percent.

During 1984, the manufacture per capita of buttermilk in California amounted to 1.58 quarts. This was an approximate increase of 0.6 percent from the manufacture per capita existing during 1983.

Manufacture per capita of all frozen products in California during 1984 totaled 22.15 quarts, an increase from 1983 of 3.4 percent. The manufacture per capita of all frozen products included 16.65 quarts of ice cream, 4.61 quarts of ice milk, 0.79 quarts of sherbet, 0.04 quarts of imitation ice cream, and 0.07 quarts of imitation ice milk. Between 1983 and 1984 the manufacture per capita estimates for the various frozen dairy products indicate that all frozen products experienced increases except for the "imitations". Ice cream exhibited a 3.4 percent increase. Ice milk and sherbet were characterized by increases of 3.8 and 3.9 percent respectively. Imitation ice cream decreased 33.3 percent, while imitation ice milk manufacture per capita remained the same.

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1967-1984 1/

			Class 1 Product Sales per Capita						
								Fluid Cream	
Year	Estimated July 1 Population	Total	Fluid Milk	Fluid Skim Milk	Flavored Dairy Drink	Half-and-Half	Yogurt and Misc.	Sour	Other
	(Thousands)				(Quarts)				
1967	19,232	131.88	119.40	7.07	2.00	2.44	Not	0.65	0.32
1968	19,511	129.72	117.19	7.21	2.10	2.28	Included	0.68	0.26
1969	19,817	126.87	114.78	7.05	2.09	2.10	in Total	0.68	0.17
1970	20,039	125.32	113.54	6.89	2.07	1.94	Class 1	0.71	0.17
1971	20,346	123.60	111.99	7.12	1.94	1.66	Products	0.71	0.18
1972	20,585	127.60	115.44	7.72	1.99	1.57	Until	0.70	0.17
1973	20,868	127.49	115.20	7.96	1.88	1.56	1974	0.72	0.16
1974	21,173	126.10	113.62	8.24	2/	1.55	2.68	4/	
1975	21,537	126.07	113.17	8.59		1.52	2.78		
1976	21,935	127.91	115.67	8.49		1.55	2.21 3/		
1977	22,350	127.85	115.62	8.47		1.54	2.21		
1978	22,839	126.50	114.68	8.07		1.59	2.16		
1979	23,255	125.86	114.00	7.75		1.61	2.50		
1980	23,769	122.08	110.27	7.52		1.58	2.71		
1981	24,196	118.98	107.62	7.30		1.60	2.46		
1982	24,724	114.43	103.62	6.86		1.57	2.37		
1983	25,107	114.43	103.35	6.81		1.60	2.67		
1984	25,636	114.44	102.57	7.40		1.75	2.72		

CONTINUED

TABLE 62. ESTIMATED CONSUMPTION AND MANUFACTURE PER CAPITA OF SELECTED DAIRY PRODUCTS IN CALIFORNIA, BY YEARS, 1967-1984 - CONTINUED

Manufacture per Capita

Year	Cottage Cheese			Fluid Butter-milk	Frozen Products					
									Imitation	
	Total	Creamed	Low fat		Total	Ice Cream	Ice Milk	Sherbet	Ice Cream	Ice Milk
	(Pounds)			(Quarts)	(Quarts)					
1967	7.14	6.13	1.01	2.97	24.23	14.07	5.61	1.20	1.13	2.22
1968	7.25	6.18	1.07	2.83	24.47	14.31	5.73	1.25	1.16	2.02
1969	7.85	6.29	1.26	2.86	24.07	14.14	5.80	1.23	1.13	1.77
1970	8.25	6.77	1.48	2.93	24.00	14.37	5.82	1.20	1.06	1.54
1971	8.32	6.65	1.67	2.96	23.30	14.28	5.58	1.15	1.00	1.29
1972	8.22	6.32	1.89	2.93	23.41	14.50	5.59	1.18	0.92	1.21
1973	7.83	5.80	2.03	2.76	22.58	14.18	5.39	1.14	0.88	0.99
1974	7.06	5.15	1.91	2.47	23.34	15.16	5.44	1.16	0.76	0.80
1975	6.71	4.79	1.92	2.38	23.49	15.74	5.42	1.07	0.66	0.59
1976	6.85	4.88	1.98	2.46	22.90	15.83	4.96	1.16	0.48	0.47
1977	6.56	4.63	1.93	2.28	22.06	15.28	5.03	1.02	0.39	0.34
1978	6.41	4.41	2.00	2.13	22.05	15.45	5.08	0.92	0.34	0.26
1979	6.33	4.32	2.01	1.95	21.58	15.33	4.89	0.89	0.27	0.20
1980	6.16	4.07	2.10	1.81	21.33	15.26	4.84	0.84	0.22	0.16
1981	5.91	3.79	2.12	1.75	21.37	15.57	4.69	0.82	0.16	0.13
1982	5.44	3.45	1.99	1.57	20.85	15.41	4.49	0.77	0.10	0.09
1983	5.31	3.32	1.99	1.57	21.42	16.10	4.44	0.76	0.06	0.07
1984	5.50	3.36	2.14	1.58	22.15	16.65	4.61	0.79	0.04	0.07

1/ Estimates have been computed from unrounded data.

2/ Subsequent to 1973, flavored dairy drink sales have been categorized as either flavored fluid milk or flavored fluid skim milk sales depending on fat content.

3/ Subsequent to 1975, out-of-state yogurt sales have been excluded from Class 1 product sales.

4/ Subsequent to 1973, fluid cream sales have been excluded from Class 1 product sales.

MINIMUM PRICES

As specified in Division 21, Part 3, Chapter 2 of the Food and Agricultural Code of the State of California, the Milk Stabilization Branch establishes minimum prices to be paid to producers by handlers for market milk in the various usage classifications for each marketing area in the State.

Commencing August 1, 1978, minimum Class 1 prices were established by means of an economic formula. The factors used in the formula and their respective weights have been as follows: Cost of production, 43%; Class 4 price, 42%; and real net spendable earnings as published by the Employment Development Department for the Los Angeles-Long Beach metropolitan area, 15%. Effective August 1, 1982, the real net spendable earnings factor was permanently replaced by an average weekly earnings factor. This change in the formula was made because of the unavailability of the real net spendable earnings factor. The formula-determined Class 1 prices are calculated bimonthly by the Milk Stabilization Branch and are subject to change as a result of hearings.

Minimum class prices in effect during 1984 are shown in Tables 63 through 66.

TABLE 63. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 1 PRODUCTS, BY MARKETING AREAS, 1984

		PRODUCER PRICES, F.O.B. PROCESSING PLANT				
Time Period	Marketing Area	Component Basis			Whole Milk Basis 1/	Weighted Average Basis 2/
		Fat	SNF	Fluid		
		($/Lb.)			($/Cwt.)	($/Cwt.)
January	Del Norte-Humboldt	1.6585	0.8160	0.0148	14.20	13.98
	Northern California	1.6535	0.8160	0.0120	13.94	
	South Valley	1.6535	0.8160	0.0102	13.78	
	Southern California	1.6585	0.8160	0.0145	14.18	
February and March	Del Norte-Humboldt	1.6769	0.8234	0.0152	14.37	14.14
	Northern California	1.6719	0.8234	0.0124	14.10	
	South Valley	1.6719	0.8234	0.0106	13.94	
	Southern California	1.6769	0.8234	0.0149	14.34	
April and May	Del Norte-Humboldt	1.6690	0.8202	0.0150	14.29	14.07
	Northern California	1.6640	0.8202	0.0122	14.03	
	South Valley	1.6640	0.8202	0.0104	13.87	
	Southern California	1.6690	0.8202	0.0147	14.27	
June and July	Del Norte-Humboldt	1.6607	0.8169	0.0149	14.23	14.00
	Northern California	1.6557	0.8169	0.0121	13.96	
	South Valley	1.6557	0.8169	0.0103	13.81	
	Southern California	1.6607	0.8169	0.0146	14.20	
August and September	Del Norte-Humboldt	1.6252	0.8026	0.0142	13.92	13.69
	Northern California	1.6202	0.8026	0.0114	13.65	
	South Valley	1.6202	0.8026	0.0096	13.50	
	Southern California	1.6252	0.8026	0.0139	13.89	
October and November	Del Norte-Humboldt	1.6100	0.7965	0.0138	13.78	13.55
	Northern California	1.6050	0.7965	0.0110	13.51	
	South Valley	1.6050	0.7965	0.0092	13.35	
	Southern California	1.6100	0.7965	0.0135	13.75	
December	Del Norte-Humboldt	1.6321	0.8054	0.0143	13.97	13.75
	Northern California	1.6271	0.8054	0.0115	13.71	
	South Valley	1.6271	0.8054	0.0097	13.55	
	Southern California	1.6321	0.8054	0.0140	13.95	

1/ Calculated based on 3.5 percent fat, 8.7 percent solids-not-fat, and 87.8 percent fluid carrier.

2/ Calculated for the State as a whole using market milk production in each marketing area for weighting.

TABLE 64. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MILK FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1984

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	1.6206	1.6091	1.6091	1.6091	1.6091	1.6091	1.6331	1.7165	1.6371	1.7283	1.7471	1.7471
Del Norte-Humboldt	2	1.5913	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178
Northern California and South Valley	2	1.6183	1.6068	1.6068	1.6068	1.6068	1.6068	1.6308	1.7142	1.6348	1.7260	1.7448	1.7448
Southern California	3	1.6206	1.6091	1.6091	1.6091	1.6091	1.6091	1.6331	1.7165	1.6371	1.7283	1.7471	1.7471
Del Norte-Humboldt	3	1.5913	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178
Northern California and South Valley	3	1.6183	1.6068	1.6068	1.6068	1.6068	1.6068	1.6308	1.7142	1.6348	1.7260	1.7448	1.7448
All Areas	4a	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178	1.5798
	4b	1.5798	1.5798	1.5798	1.5798	1.5798	1.6038	1.6872	1.6078	1.6990	1.7178	1.7178	1.5798

TABLE 65. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR SOLIDS-NOT-FAT USED TO PRODUCE CLASS 2, 3, 4A, AND 4B PRODUCTS, BY MARKETING AREAS, 1984

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
						(dollars per pound)							
Southern California	2	0.7841	0.7781	0.7780	0.7783	0.7781	0.7779	0.7782	0.7780	0.7779	0.7778	0.7780	0.7777
Del Norte-Humboldt	2	0.7539	0.7479	0.7478	0.7481	0.7479	0.7477	0.7480	0.7478	0.7477	0.7476	0.7478	0.7475
Northern California and South Valley	2	0.7583	0.7523	0.7522	0.7525	0.7523	0.7521	0.7524	0.7522	0.7521	0.7520	0.7522	0.7519
Southern California	3	0.7526	0.7466	0.7465	0.7468	0.7466	0.7464	0.7467	0.7465	0.7464	0.7463	0.7465	0.7462
Del Norte-Humboldt	3	0.7526	0.7466	0.7465	0.7468	0.7466	0.7464	0.7467	0.7465	0.7464	0.7463	0.7465	0.7462
Northern California and South Valley	3	0.7526	0.7466	0.7465	0.7468	0.7466	0.7464	0.7467	0.7465	0.7464	0.7463	0.7465	0.7462
All Areas	4a	0.7080	0.7079	0.7082	0.7080	0.7078	0.7081	0.7079	0.7078	0.7077	0.7079	0.7076	0.7079
	4b	0.7080	0.7079	0.7082	0.7080	0.7078	0.7081	0.7079	0.7078	0.7077	0.7079	0.7076	0.7079

TABLE 66. MINIMUM PRODUCER PRICES IN CALIFORNIA FOR MARKET MILK USED TO PRODUCE CLASS 2, 3, 4A AND 4B PRODUCTS, BY MARKETING AREAS, 1984 1/

Marketing Area	Class	January	February	March	April	May	June	July	August	September	October	November	December
							(dollars per hundredweight)						
Southern California	2	12.49	12.40	12.40	12.40	12.40	12.40	12.49	12.78	12.50	12.82	12.88	12.88
Del Norte-Humboldt	2	12.13	12.04	12.04	12.04	12.04	12.03	12.12	12.41	12.13	12.45	12.52	12.52
Northern California and South Valley	2	12.26	12.17	12.17	12.17	12.17	12.17	12.25	12.54	12.26	12.58	12.65	12.65
Southern California	3	12.22	12.13	12.13	12.13	12.13	12.12	12.21	12.50	12.22	12.54	12.61	12.61
Del Norte-Humboldt	3	12.12	12.02	12.02	12.03	12.02	12.02	12.11	12.40	12.12	12.44	12.51	12.50
Northern California and South Valley	3	12.21	12.12	12.12	12.12	12.12	12.12	12.20	12.49	12.22	12.53	12.60	12.60
All Areas	4a	11.69	11.69	11.69	11.69	11.69	11.77	12.06	11.78	12.10	12.17	12.17	11.69
	4b	11.69	11.69	11.69	11.69	11.69	11.77	12.06	11.78	12.10	12.17	12.17	11.69

1/ Prices have been calculated from the price information presented in Tables 64 and 65 on a f.o.b. Distributor's Plant basis for 3.5 percent butterfat and 8.7 percent solids-not-fat milk.

SALES OF MARKET WHOLE MILK AND LOWFAT MILK BY SIZE AND TYPE OF CONTAINER, AND BY TYPE OF TRADE

In October 1984, all market milk distributors in California were requested to complete a special one-page form relating to their sales of market whole milk and lowfat milk by size and type of container and by type of trade. A similar survey for the month of October has been made each year since 1951.

Table 67 contains summary tabulations of the data reported on the special survey forms for October 1984. In this table, all sales are expressed in gallon units. For example, sales in quarts represent the number of gallons (expressed as quart units) sold rather than the number of quarts sold. This results in greater comparability and facilitates the computation of percentage distributions.

Sales by type of trade were reported under the headings of wholesale, retail, cash-and-carry, peddler and Federal Government. Since some routes, particularly for the smaller distributors and some of the peddlers, were probably "combination" routes, it seems likely that all sales are not properly classified as to type of trade. However, this factor is so small that it does not appear to have had any significant effect upon the overall results.

Users of these data should note that the survey summaries *do not include all sales of fluid milk in California.* For the State as a whole, the sales as reported in the summaries, account for a sample of approximately 99.7 percent of all market whole milk and lowfat milk sales in California.

TABLE 67. REPORTED SALES OF MARKET WHOLE AND LOWFAT MILK IN CALIFORNIA,
BY TYPE OF TRADE AND CONTAINER CHARACTERISTICS, OCTOBER 1984

Container Size and Type	Type of Trade: Wholesale		Retail		Cash-and-Carry		Peddler		Federal Government		Container Size and Type Total Sales	
	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)	(gallons)	(percent)
Bulk Size	1,227,808	2.5	684	0.6	30	1/	306,476	4.1	389,892	30.1	1,924,890	3.2
Dispensing	1,150,887	2.3	684	0.6	30	1/	299,515	4.0	389,892	30.1	1,841,008	3.1
Other	76,921	0.2	---	---	---	---	6,961	0.1	---	---	83,882	0.1
Ten-Quart Size	36,064	0.1	377	0.3	9,942	3.6	26,874	0.5	---	---	73,257	0.1
Gallon Size	25,870,312	52.1	7,491	6.6	112,076	40.2	3,009,031	40.5	343,010	26.5	29,341,920	50.0
Paper	9,296	1/	1,254	1.1	4,502	1.6	33,652	0.4	1,504	0.1	50,208	0.1
Molded Plastic	25,861,016	52.1	6,237	5.5	107,574	38.6	2,975,379	40.1	341,506	26.4	29,291,712	49.9
One-Half Gallon Size	14,409,916	29.0	97,842	86.6	135,701	48.6	2,180,294	29.3	435,517	33.7	17,259,270	29.4
Glass	4,817	1/	53,080	47.0	37,823	13.6	8,936	0.1	---	---	104,656	0.2
Paper	12,999,150	26.2	43,897	38.8	72,680	26.0	1,680,931	22.6	425,409	32.9	15,222,067	25.9
Molded Plastic	1,405,949	2.8	865	0.8	25,198	9.0	490,427	6.6	10,108	0.8	1,932,547	3.3
Quart Size	3,376,060	6.8	3,377	3.0	10,401	3.7	383,326	5.2	48,744	3.8	3,821,903	6.5
Glass	56,610	0.1	2,022	1.8	3,786	1.4	4,250	0.1	---	---	66,668	0.1
Paper	3,265,433	6.6	1,220	1.1	2,902	1.0	348,959	4.7	48,744	3.8	3,667,258	6.2
Molded Plastic	54,017	0.1	135	0.1	3,713	1.3	30,117	0.4	---	---	87,982	0.2
Pint Size	1,085,759	2.2	890	0.8	5,951	2.1	305,387	4.1	7,804	0.6	1,405,791	2.4
One-Third Quart Size	944,327	1.9	1,385	1.2	4,345	1.6	339,504	4.5	21,516	1.7	1,311,077	2.2
One-Half Pint Size	2,685,773	5.4	1,003	0.9	447	0.2	875,711	11.8	47,096	3.6	3,610,030	6.2
Type of Trade Total Sales	49,636,019	100.0	113,049	100.0	278,893	100.0	7,426,603	100.0	1,293,579	100.0	58,748,143	100.0

1/ Calculated percentages less than 0.05 percent.

PLANTS REPORTING SALES OF FLUID MARKET MILK

The number of plants reporting sales of fluid market milk during the month of December by county of plant location for the years 1974 through 1984 is shown in Table 68. During this ten-year period, the number of plants has decreased from 205 in 1974 to 77 in 1984, a decline of 62.0 percent.

TABLE 68. NUMBER OF PLANTS IN CALIFORNIA REPORTING SALES OF FLUID MARKET MILK DURING DECEMBER, BY COUNTIES OF PLANT LOCATION, 1974-1984

County	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Del Norte	1	1	1	1	1	1	1	1	1	1	1
Humboldt	3	3	3	2	2	2	2	3	2	2	2
Mendocino	2	2	2	2	2	2	1	1	1	1	1
Shasta	3	2	2	2	2	2	2	3	2	2	2
Siskiyou	1	1	1	1	1	1	1	1	1	1	1
Trinity	--	--	--	--	--	--	--	--	--	--	--
Lassen	1	--	--	--	--	--	--	--	--	--	--
Modoc	--	--	--	--	--	--	--	--	--	--	--
Plumas	--	--	--	--	--	--	--	--	--	--	--
Alameda	13	11	9	9	7	7	7	7	7	7	7
Contra Costa	5	5	4	3	3	3	1	1	1	1	1
Lake	--	--	--	--	--	--	--	--	--	--	--
Marin	--	--	--	--	--	--	--	--	--	--	--
Monterey	2	2	2	2	2	2	2	2	2	1	1
Napa	1	1	1	1	1	1	1	1	1	1	1
San Benito	--	--	--	--	--	--	--	--	--	--	--
San Francisco	3	3	3	2	1	1	1	1	1	1	1
San Luis Obispo	2	2	2	2	2	2	2	2	2	2	1
San Mateo	1	1	1	1	--	--	--	--	--	--	--
Santa Clara	8	8	7	6	5	5	3	3	3	2	2
Santa Cruz	2	1	1	1	1	1	1	--	--	--	--
Sonoma	7	7	6	6	6	6	5	4	4	4	3
Butte	1	1	1	1	1	1	1	1	1	1	--
Colusa	--	--	--	--	--	--	--	--	--	--	--
Glenn	--	--	--	--	--	--	--	--	--	--	--
Sacramento	6	5	5	5	5	5	5	5	5	6	5
Solano	1	--	--	--	--	--	--	--	--	1	1
Sutter	--	--	--	--	--	--	--	--	--	--	--
Tehama	1	1	1	1	--	--	--	--	--	--	--
Yolo	--	--	--	--	--	--	--	--	--	--	--
Yuba	--	--	--	--	--	--	--	--	--	--	--
Fresno	9	9	7	5	5	5	5	5	5	5	4
Kern	4	4	3	3	3	3	3	3	3	3	3
Kings	1	--	--	--	--	--	--	--	--	--	--
Madera	1	1	1	--	--	--	--	--	--	--	--
Merced	2	2	1	--	--	--	--	--	--	--	1
San Joaquin	4	4	4	2	2	2	1	1	1	1	1
Stanislaus	2	2	2	2	2	2	2	2	2	2	2
Tulare	3	2	1	--	--	--	--	1	1	1	--
Alpine	--	--	--	--	--	--	--	--	--	--	--
Amador	--	--	--	--	--	--	--	--	--	--	--
Calaveras	--	--	--	--	--	--	--	--	--	--	--
El Dorado	--	--	--	--	--	--	--	--	--	--	--
Inyo	--	--	--	--	--	--	--	--	--	--	--
Mariposa	--	--	--	--	--	--	--	--	--	--	--
Mono	--	--	--	--	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--	--	--	--	--
Placer	--	--	--	--	--	--	--	--	--	--	--
Sierra	--	--	--	--	--	--	--	--	--	--	--
Tuolumne	--	--	--	--	--	--	--	--	--	--	--
Imperial	1	1	--	--	--	--	--	--	--	--	--
Los Angeles	63	51	43	37	35	35	29	25	25	22	20
Orange	10	9	8	8	7	7	5	4	4	4	3
Riverside	11	10	8	6	5	5	4	4	4	4	4
San Bernardino	16	12	10	10	4	4	3	3	3	3	3
San Diego	7	7	7	7	5	5	5	5	5	5	5
Santa Barbara	3	3	2	1	--	--	--	--	--	--	--
Ventura	4	3	2	1	1	1	1	1	1	1	1
TOTAL	205	177	151	130	111	111	94	90	88	85	77

80477 150 8-85 900 LDA CS OSP

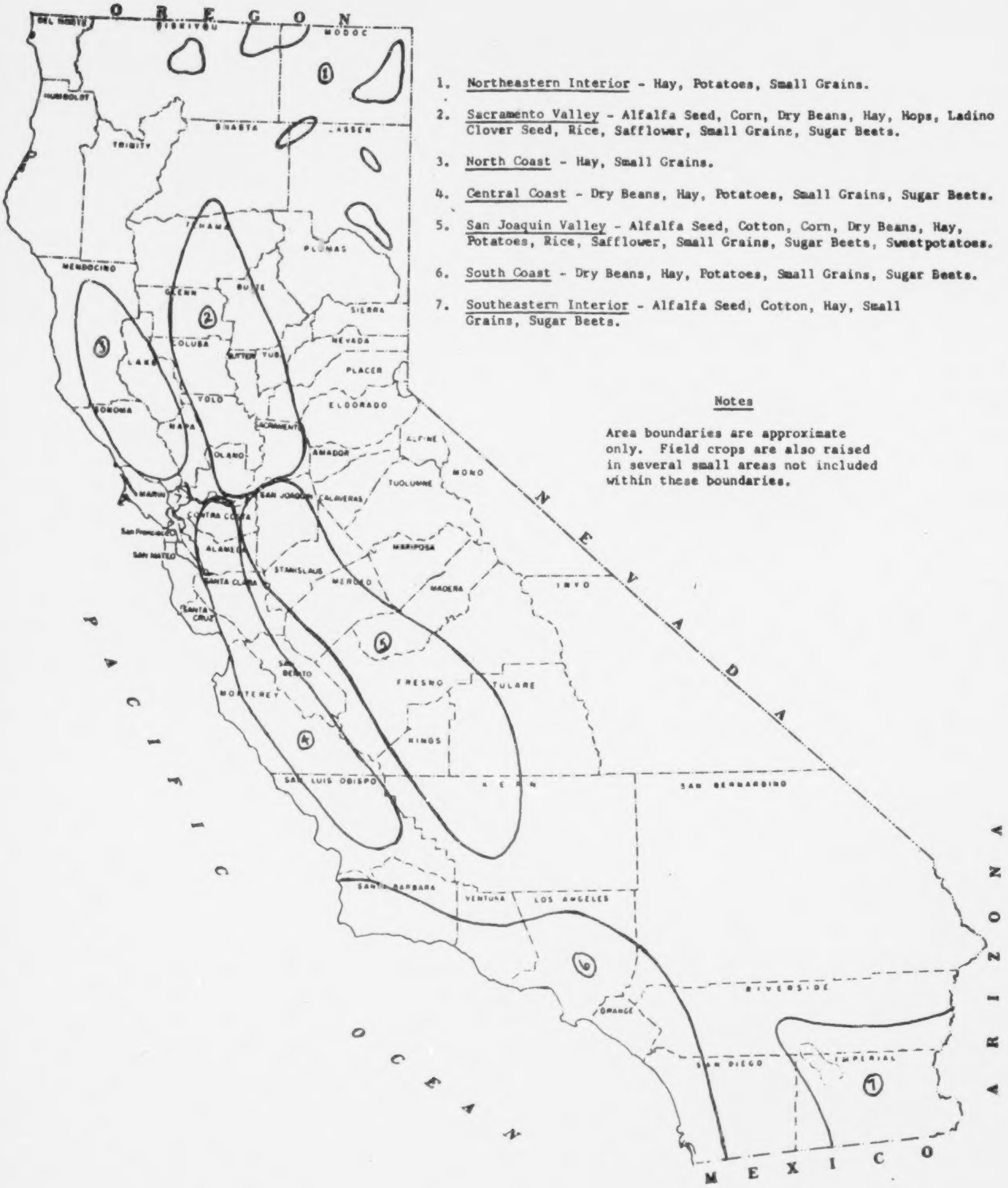
S0850-1.7-U

FIELD CROPS STATISTICS

CALIFORNIA 1979-83

CALIFORNIA CROP AND LIVESTOCK REPORTING SERVICE

CALIFORNIA'S MAJOR FIELD CROP AREAS
And Important Field Crops of Each Area


O R E G O N
DEL NORTE
SISKIYOU
MODOC
HUMBOLDT
TRINITY
SHASTA
LASSEN
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
COLUSA
SUTTER
YUBA
NEVADA
LAKE
PLACER
YOLO
SONOMA
NAPA
EL DORADO
SACRAMENTO
SOLANO
AMADOR
ALPINE
MARIN
SAN JOAQUIN
CALAVERAS
TUOLUMNE
MONO
CONTRA COSTA
San Francisco
SAN MATEO
ALAMEDA
STANISLAUS
MARIPOSA
SANTA CLARA
MERCED
MADERA
SANTA CRUZ
INYO
SAN BENITO
FRESNO
TULARE
MONTEREY
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL
N E V A D A
P A C I F I C
O C E A N
A R I Z O N A
M E X I C O
1
2
3
4
5
6
7

1. Northeastern Interior - Hay, Potatoes, Small Grains.
2. Sacramento Valley - Alfalfa Seed, Corn, Dry Beans, Hay, Hops, Ladino Clover Seed, Rice, Safflower, Small Grains, Sugar Beets.
3. North Coast - Hay, Small Grains.
4. Central Coast - Dry Beans, Hay, Potatoes, Small Grains, Sugar Beets.
5. San Joaquin Valley - Alfalfa Seed, Cotton, Corn, Dry Beans, Hay, Potatoes, Rice, Safflower, Small Grains, Sugar Beets, Sweetpotatoes.
6. South Coast - Dry Beans, Hay, Potatoes, Small Grains, Sugar Beets.
7. Southeastern Interior - Alfalfa Seed, Cotton, Hay, Small Grains, Sugar Beets.

Notes

Area boundaries are approximate only. Field crops are also raised in several small areas not included within these boundaries.

Artwork by Jerry Ramirez

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FOREWORD

This bulletin brings together the basic statistical record for California field crops: grains, hay, cotton, sugar beets, and others in this class. Current reports for each of the series are available as separate releases.

The California Crop and Livestock Reporting Service is the California unit of the Statistical Reporting Service, United States Department of Agriculture and, under a cooperative agreement, serves as the Bureau of Agricultural Statistics of the California Department of Food and Agriculture. All services are correlated with the national program to provide uniform statistical records of the Nation's agriculture. As part of the California Department of Food and Agriculture, this office develops additional data and necessary statistical records pertaining to California agriculture. This cooperative arrangement eliminates duplication of effort and makes possible a more thorough coverage of this field of work.

Acknowledgement is due a large number of people and concerns to whom we are indebted for cooperation in developing these agricultural records. Special credit in this respect is due the many loyal, voluntary crop reporters from all parts of the State, who generously give their time in reporting to the Service. Recognition is also due our telephone and field enumerators whose continued hard work and broad knowledge of the State's agriculture are invaluable. Statisticians presently responsible for much of the data in this bulletin are Joe Seibert, Sammye Crawford, Jerry Ramirez, Alan Longshore and Ann Roberts, Statisticial Assistant.

R. A. McGREGOR
Agricultural Statistician in Charge

ROBERT H. HETTINGER
Agricultural Statistician
FIELD CROPS

Artwork by Jerry Ramirez

December 1984

ALL FIELD CROPS: Combined acreage, production, and value, California, 1949-83 a/

Year	Acreage Harvested	Production		Value of Production
	Acres	Tons	Metric Tons	Dollars
1949	6,476,700	12,760,500	11,576,100	612,286,000
1950	6,394,500	15,491,400	14,053,600	683,343,000
1951	6,451,400	13,467,000	12,217,100	893,288,000
1952	6,826,500	14,425,100	13,086,200	945,355,000
1953	6,922,500	15,450,200	14,016,200	777,349,000
1954	6,921,100	17,406,900	15,791,300	796,611,000
1955	6,688,800	17,010,800	15,431,900	740,384,000
1956	6,702,100	17,264,100	15,661,700	832,400,000
1957	6,630,000	19,118,900	17,344,400	801,327,000
1958	6,557,400	17,891,600	16,231,000	803,630,000
1959	6,551,200	20,105,300	18,239,200	924,764,000
1960	6,531,000	19,196,400	17,414,700	900,107,000
1961	6,318,900	19,570,500	17,754,100	850,773,000
1962	6,167,900	20,197,200	18,322,600	932,042,000
1963	6,166,100	21,904,200	19,871,200	951,434,000
1964	6,146,800	23,656,700	21,461,000	996,443,000
1965	6,201,800	22,748,500	20,637,100	978,411,000
1966	6,101,000	20,994,000	19,045,400	884,544,000
1967	6,263,000	20,599,000	18,687,100	859,534,000
1968	6,142,000	22,875,000	20,751,900	931,420,000
1969	5,865,000	22,008,000	19,965,300	859,461,000
1970	6,076,000	24,701,000	22,408,400	982,575,000
1971	6,133,000	25,456,000	23,093,300	1,015,078,000
1972	5,923,000	26,864,000	24,370,600	1,236,180,000
1973	6,104,000	24,853,000	22,546,300	1,954,443,000
1974	6,482,000	24,986,000	22,666,900	2,632,176,000
1975	6,602,000	28,566,000	25,914,600	2,374,207,000
1976	6,548,000	28,929,000	26,243,900	2,622,884,000
1977	6,284,000	25,115,000	22,783,900	2,281,075,000
1978	6,537,000	22,061,000	20,013,400	2,111,150,000
1979 b/	6,693,500	26,226,000	23,791,800	3,288,164,000
1980 b/	6,876,500	27,699,300	25,128,400	4,062,418,000
1981 b/	7,025,000	30,343,200	27,526,900	3,597,514,000
1982 b/	6,283,900	26,036,900	23,620,300	3,175,794,000
1983 c/	4,897,500	21,916,400	19,882,200	2,700,301,000

a/ Includes safflower since 1950. Excludes flaxseed after 1971 and ladino clover seed after 1981.
b/ Revised.
c/ Preliminary.

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1979-83

Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Wheat (Excl. Durum)	1979	755	2.10	1,585.5	Tons	135.00	214,043
	1980	1,050	2.22	2,331.0	Tons	141.00	328,671
	1981	1,180	2.31	2,725.8	Tons	138.33	377,069
	1982	950	2.07	1,966.5	Tons	125.33	246,468
	1983	610	1.98	1,207.8	Tons	133.33	161,040
Wheat, Durum	1979	45	2.40	108.0	Tons	125.00	13,500
	1980	100	2.34	234.0	Tons	155.00	36,270
	1981	165	2.67	440.6	Tons	161.67	71,222
	1982	125	2.79	348.8	Tons	125.00	43,594
	1983	70	2.70	189.0	Tons	143.33	27,090
Barley	1979	790	1.44	1,137.6	Tons	110.42	125,610
	1980	712	1.49	1,059.5	Tons	134.17	142,144
	1981	640	1.51	967.7	Tons	126.67	122,573
	1982	620	1.49	922.6	Tons	117.08	108,016
	1983	490	1.44	705.6	Tons	135.42	95,550
Oats	1979	75	.88	66.0	Tons	128.75	8,498
	1980	70	.99	69.4	Tons	153.21	10,633
	1981	60	1.04	62.4	Tons	160.00	9,984
	1982	50	1.07	53.6	Tons	139.38	7,471
	1983	45	1.04	46.8	Tons	140.63	6,581
Corn for Grain	1979	260	3.28	851.8	Tons	116.42	99,169
	1980	270	3.78	1,020.6	Tons	144.64	147,623
	1981	275	3.64	1,001.0	Tons	119.64	119,763
	1982	330	3.64	1,201.2	Tons	122.14	146,718
	1983	260	3.58	931.8	Tons	144.64	134,784
Corn for Silage	1979	168	22.00	3,696.0	Tons	—	a/
	1980	178	21.00	3,738.0	Tons	—	a/
	1981	193	20.50	3,957.0	Tons	—	a/
	1982	213	21.50	4,580.0	Tons	—	a/
	1983	175	21.00	3,675.0	Tons	—	a/
Corn for Forage	1979	2	—	a/	—	—	—
	1980	2	—	a/	—	—	—
	1981	2	—	a/	—	—	—
	1982	7	—	a/	—	—	—
	1983	5	—	a/	—	—	—
Sorghum for Grain	1979	140	2.10	294.0	Tons	102.20	30,047
	1980	152	2.04	310.7	Tons	127.40	39,582
	1981	92	2.07	190.6	Tons	99.80	19,024
	1982	70	2.16	150.9	Tons	96.40	14,549
	1983	45	2.27	102.1	Tons	131.00	13,370
Sorghum for Silage	1979	9	19.00	171.0	Tons	—	a/
	1980	8	19.00	152.0	Tons	—	a/
	1981	5	19.00	95.0	Tons	—	a/
	1982	4	20.00	80.0	Tons	—	a/
	1983	3	20.00	60.0	Tons	—	a/

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1979-83 (Continued)

Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Sorghum for Forage	1979	6	—	a/	—	—	—
	1980	4	—	a/	—	—	—
	1981	2	—	a/	—	—	—
	1982	4	—	a/	—	—	—
	1983	1	—	a/	—	—	—
Rice, All	1979	522	65.20	34,042.0	Cwt.	9.55	325,101
	1980	565	64.40	36,386.0	Cwt.	14.10	513,043
	1981	593	69.00	40,924.0	Cwt.	7.35	300,791
	1982	535	67.00	35,848.0	Cwt.	6.65	238,389
	1983	328	70.40	23,089.0	Cwt.	—	b/
Rice, Long	1979	0	0	0	Cwt.	—	a/
	1980	0	0	0	Cwt.	—	a/
	1981	0	0	0	Cwt.	—	a/
	1982	14	59.00	826.0	Cwt.	—	a/
	1983	22	59.50	1,309.0	Cwt.	—	a/
Rice, Medium	1979	373	66.00	24,618.0	Cwt.	—	a/
	1980	452	65.50	29,606.0	Cwt.	—	a/
	1981	458	68.50	31,373.0	Cwt.	—	a/
	1982	406	67.00	27,202.0	Cwt.	—	a/
	1983	199	71.00	14,129.0	Cwt.	—	a/
Rice, Short	1979	149	63.25	9,424.0	Cwt.	—	a/
	1980	113	60.00	6,780.0	Cwt.	—	a/
	1981	135	70.75	9,551.0	Cwt.	—	a/
	1982	115	68.00	7,820.0	Cwt.	—	a/
	1983	107	71.50	7,651.0	Cwt.	—	a/
Cotton, Upland c/	1979	1,635	1,000	3,408.0	Bales	68.90	1,127,094
	1980	1,540	969	3,109.0	Bales	77.80	1,161,025
	1981	1,530	1,109	3,535.0	Bales	63.60	1,079,165
	1982	1,370	1,077	3,073.0	Bales	66.90	986,802
	1983	950	996	1,971.0	Bales	73.90	699,153
Cottonseed	1979	—	—	1,335.0	Tons	125.00	166,875
	1980	—	—	1,270.0	Tons	143.00	181,610
	1981	—	—	1,445.0	Tons	91.00	131,495
	1982	—	—	1,261.0	Tons	90.50	114,121
	1983	—	—	789.0	Tons	168.00	132,552
Dry Beans	1979	207	17.39	3,600.0	Cwt.	27.50	99,000
	1980	213	17.90	3,813.0	Cwt.	32.70	124,685
	1981	224	18.33	4,105.0	Cwt.	28.70	117,814
	1982	210	17.07	3,585.0	Cwt.	23.30	83,531
	1983	138	17.08	2,357.0	Cwt.	32.00	75,424
Potatoes, Irish	1979	56.2	372.00	20,911.0	Cwt.	5.02	105,017
	1980	50.5	370.00	18,692.0	Cwt.	8.43	157,590
	1981	56.3	375.00	21,071.0	Cwt.	10.30	217,402
	1982	56.2	376.00	21,145.0	Cwt.	8.80	186,546
	1983	56.2	355.00	19,949.0	Cwt.	8.85	176,220

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1979-83 (Continued)

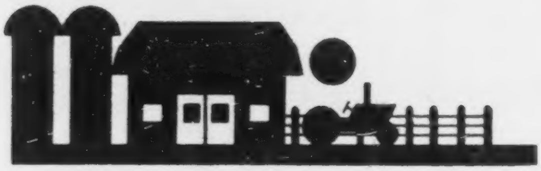
Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Sweetpotatoes	1979	9.6	170.00	1,632.0	Cwt.	14.20	23,174
	1980	8.4	180.00	1,512.0	Cwt.	17.80	26,914
	1981	8.9	185.00	1,647.0	Cwt.	15.70	25,858
	1982	9.2	190.00	1,748.0	Cwt.	11.00	19,228
	1983	8.8	195.00	1,716.0	Cwt.	13.00	22,308
Safflower	1979	145	.83	120.0	Tons	255.00	30,600
	1980	87	1.20	104.0	Tons	280.00	29,120
	1981	72	1.22	88.0	Tons	360.00	31,680
	1982	98	1.12	110.0	Tons	298.00	32,780
	1983	69	.77	53.0	Tons	252.00	13,356
Sugar Beets d/	1979	215	26.60	5,719.0	Tons	31.10	177,861
	1980	229	25.70	5,885.0	Tons	51.20	301,312
	1981	260	27.90	7,254.0	Tons	32.00	232,128
	1982	162	23.80	3,852.0	Tons	33.00	127,116
	1983	169	23.40	3,955.0	Tons	—	b/
Hay, All	1979	1,560	4.68	7,295.0	Tons	87.00	634,665
	1980	1,550	4.99	7,736.0	Tons	95.00	734,920
	1981	1,565	5.02	7,851.0	Tons	76.00	596,676
	1982	1,470	5.21	7,656.0	Tons	86.50	662,244
	1983	1,480	4.97	7,352.0	Tons	99.50	731,524
Hay, Alfalfa	1979	1,050	6.00	6,300.0	Tons	—	a/
	1980	1,030	6.40	6,592.0	Tons	—	a/
	1981	1,050	6.30	6,615.0	Tons	—	a/
	1982	960	6.70	6,432.0	Tons	—	a/
	1983	950	6.40	6,080.0	Tons	—	a/
Hay, Other	1979	510	1.95	995.0	Tons	—	a/
	1980	520	2.20	1,144.0	Tons	—	a/
	1981	515	2.40	1,236.0	Tons	—	a/
	1982	510	2.40	1,224.0	Tons	—	a/
	1983	530	2.40	1,272.0	Tons	—	a/
Alfalfa Seed e/	1979	80	435	34,800.0	Lbs.	120.00	41,760
	1980	78	520	40,560.0	Lbs.	125.00	50,700
	1981	94	580	54,520.0	Lbs.	114.00	62,153
	1982 b/	—	—	—	—	—	—
	1983	63	645	40,635.0	Lbs.	106.00	41,404
Ladino Clover Seed e/	1979	12.5	275	3,438.0	Lbs.	1.45	4,985
	1980	8.4	345	2,898.0	Lbs.	1.36	3,941
	1981	6.6	325	2,145.0	Lbs.	1.54	3,303
	1982 f/	—	—	—	—	—	—
	1983	—	—	—	—	—	—
Hops	1979	1.2	1,290	1,548	Lbs.	.957	1,481
	1980	1.2	1,640	1,968	Lbs.	1.39	2,736
	1981	1.2	1,400	1,680	Lbs.	1.52	2,554
	1982	.5	1,700	850	Lbs.	2.81	2,389
	1983	.5	1,370	685	Lbs.	2.15	1,473

a/ Not estimated.
b/ Not available.
c/ Cotton: Yield reported in pounds per acre, production — 480 lbs. net per bale, average price report in cents per pound. Excludes American-Pima.
d/ Relates to year of harvest. Includes some acreage carried over and harvested the following spring.
e/ Production is on a clean basis.
f/ Estimate discontinued.

CONVERSION TABLE

Crop	Domestic Unit	For Conversion To:			
		Short Ton a/		Metric Ton b/	
		x	÷	x	÷
Barley	bu. (48 lb.)	.024	41.6667	.02177243	45.9296
Corn	bu. (56 lb.)	.028	35.71429	.02540117	39.368
Oats	bu. (32 lb.)	.016	62.5	.01451496	68.8944
Rice	cwt. (100 lb.)	.50	20.0	.04535924	22.04622
Sorghum	bu. (56 lb.)	.028	35.71429	.02540117	39.368
Wheat	bu. (60 lb.)	.030	33.3333	.02721554	36.7437
Cotton	bales (480 lb.)	.240	4.1667	.21772460	4.59296
Dry Beans	cwt. (100 lb.)	.50	20.0	.04535929	22.04622
Hay	ton (short ton)	1.0	1.0	.90718474	1.10231
Hops	lb.	.0005	2000.0	.00045359	2204.622
Sugar Beets	ton (short ton)	1.0	1.0	.90718474	1.10231

a/ Short ton = 2,000 pounds.
b/ Metric ton = 2,204.622 pounds.



Monthly and Season Average Prices Received by Farmers, California, 1979-83

Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Season Average
BARLEY (Dollars per Cwt.)													
1979	5.19	5.23	4.58	4.67	4.98	5.50	5.15	5.56	5.58	5.83	5.62	6.00	5.52
1980	5.87	6.04	6.25	5.90	5.42	5.81	6.33	6.56	6.81	7.46	7.04	7.79	6.71
1981	7.56	7.62	7.65	6.58	6.46	6.44	6.23	6.52	6.48	6.60	6.58	6.46	6.33
1982	6.37	6.25	6.00	6.06	5.92	5.96	5.85	5.37	5.33	5.29	5.77	5.77	5.85
1983	5.67	5.73	6.06	5.98	6.12	6.06	6.08	6.37	6.73	7.00	7.02	7.02	6.77
ALL WHEAT (Dollars per Cwt.)													
1979	5.87	5.80	5.57	5.77	5.70	6.73	6.17	7.03	7.30	7.42	7.08	7.15	6.72
1980	7.05	6.93	6.58	6.37	6.37	6.25	6.90	8.15	7.80	7.88	7.87	7.78	7.12
1981	7.67	6.83	7.12	7.17	7.40	7.20	7.48	6.68	6.87	7.20	7.12	6.95	7.08
1982	7.07	6.67	6.57	6.27	6.05	6.05	6.13	6.25	6.47	6.33	6.80	6.87	6.27
1983	6.97	6.90	6.70	6.63	6.42	6.60	6.43	7.03	7.05	7.02	7.12	7.18	6.73
OATS (Dollars per Cwt.)													
1979	5.13	5.66	5.25	5.47	5.50	6.00	5.91	6.66	7.47	7.19	7.19	6.09	6.44
1980	5.34	5.25	5.78	5.50	—	6.72	—	6.56	8.09	7.19	8.44	10.00	7.66
1981	—	—	—	—	—	—	—	7.41	8.47	—	—	—	8.00
1982	—	—	—	—	—	—	7.91	—	—	6.84	6.81	—	6.97
1983	6.69	6.63	6.25	—	—	6.34	—	—	6.28	6.38	7.31	—	7.03
SORGHUM GRAIN (Dollars per Cwt.)													
1979	4.50	4.61	4.86	4.70	—	—	—	5.55	4.98	5.05	5.20	5.10	5.11
1980	4.95	4.90	—	—	—	6.60	—	—	6.25	6.40	6.38	—	6.37
1981	—	—	—	6.50	—	—	—	—	5.15	5.05	4.91	4.85	4.99
1982	5.20	—	5.25	—	—	—	—	—	4.20	4.30	4.93	4.83	4.82
1983	4.74	5.38	5.99	5.70	6.00	5.69	—	—	6.04	6.29	6.25	6.74	6.55
DRY EDIBLE BEANS a/ (Dollars per Cwt.)													
1979	23.90	24.20	24.40	24.80	25.40	26.00	26.50	27.30	27.10	26.50	24.60	27.40	27.50
1980	27.80	27.50	28.50	28.30	27.10	28.30	29.70	30.20	30.50	30.50	29.70	29.50	32.70
1981	30.00	32.90	34.00	35.80	36.40	37.50	37.60	37.60	32.80	32.20	30.30	29.10	28.70
1982	27.40	27.60	27.20	26.20	27.10	29.00	28.00	26.40	23.40	22.90	22.10	22.10	23.30
1983	22.10	22.20	22.60	22.50	23.00	23.70	26.40	27.50	28.70	30.70	32.50	32.80	32.00
COTTON LINT, UPLAND b/ (Cents per Pound)													
1979	63.9	63.7	66.4	65.2	65.3	63.7	68.7	70.4	66.4	66.8	67.4	68.6	68.9
1980	71.8	73.0	70.4	69.2	68.2	69.9	72.1	74.9	76.8	75.7	80.4	84.5	77.8
1981	84.1	82.9	78.9	75.6	75.4	74.4	71.7	66.7	65.6	71.9	68.0	60.8	63.6
1982	58.7	60.7	60.9	58.5	60.2	63.3	67.9	61.0	62.5	63.9	65.9	64.1	66.9
1983	63.1	67.1	72.2	69.7	72.3	79.3	81.7	83.3	78.5	70.5	73.0	75.4	73.9
COTTONSEED (Dollars per Ton)													
1979	121.00	108.00	—	—	—	—	—	—	—	128.00	126.00	117.00	125.00
1980	118.00	122.00	—	—	—	—	—	—	—	125.00	149.00	153.00	143.00
1981	150.00	123.00	—	—	—	—	—	—	—	93.00	90.00	90.00	91.00
1982	87.00	85.00	—	—	—	—	—	—	—	70.00	100.00	100.00	90.50
1983	100.00	100.00	—	—	—	—	—	—	—	172.00	168.00	—	168.00
ALFALFA HAY, BALED (Dollars per Ton)													
1979	70.00	73.00	78.00	82.50	86.50	90.00	83.50	81.50	84.00	89.50	95.00	102.00	c/
1980	116.00	116.00	112.00	110.00	98.00	105.00	96.00	90.00	96.00	100.00	98.00	102.00	c/
1981	100.00	97.00	96.00	89.00	86.00	84.00	73.00	65.00	69.00	71.00	76.00	80.00	c/
1982	80.00	78.00	85.00	86.00	93.00	90.00	83.00	79.00	81.00	82.00	91.00	96.00	c/
1983	97.00	98.00	96.00	96.00	109.00	110.00	99.00	96.00	97.00	98.00	100.00	99.00	c/
ALL HAY, BALED (Dollars per Ton)													
1979	65.50	69.50	74.00	78.00	82.00	85.50	80.00	78.50	80.50	86.00	92.00	97.00	87.00
1980	112.00	111.00	108.00	108.00	96.00	100.00	95.00	87.00	94.00	99.00	96.00	101.00	95.00
1981	98.00	97.00	94.00	81.00	85.00	71.00	81.00	68.00	68.00	70.00	75.00	75.00	76.00
1982	79.00	78.00	84.00	84.00	91.00	86.00	83.00	79.00	80.00	82.00	91.00	93.00	86.50
1983	97.00	98.00	96.00	96.00	108.00	108.00	98.00	94.00	93.00	96.00	98.00	97.00	99.50

a/ The marketing season for dry beans is September 1 to August 31.

b/ The marketing season for cotton and cottonseed is August 1 to July 31.

c/ Not estimated.

DRY BEANS: Acreage, yield, and production, by variety, California, 1979-83

Crop/Year	Planted	Harvested	Yield Per Acre	Production (clean)
	- - - - 1,000 Acres - - - -		- Pounds -	- 1,000 Cwt. -
LARGE LIMAS				
1979	27.0	27.0	1,960	529
1980	34.0	34.0	2,230	758
1981	31.0	30.0	2,130	639
1982	32.0	28.0	2,070	580
1983 a/	27.5	27.0	1,800	486
BABY LIMAS				
1979	29.0	29.0	2,260	656
1980	19.0	19.0	2,350	447
1981	30.0	29.0	2,280	661
1982	27.0	25.0	2,120	530
1983 a/	24.5	24.0	2,020	485
BLACKEYES				
1979	59.0	59.0	1,600	943
1980	43.0	43.0	1,620	698
1981	55.0	53.0	1,650	875
1982	73.0	67.0	1,570	1,050
1983 a/	38.0	38.0	1,600	608
LIGHT RED KIDNEYS				
1979	30.0	30.0	1,780	534
1980	39.0	39.0	1,740	678
1981	38.0	36.0	1,810	650
1982	44.0	40.0	1,630	650
1983 a/	13.0	13.0	1,800	234
DARK RED KIDNEYS				
1979	15.0	15.0	1,580	237
1980	16.0	16.0	1,740	279
1981	11.0	10.0	1,800	180
1982	16.0	13.0	1,650	215
1983 a/	10.0	10.0	1,660	166
SMALL WHITE				
1979	3.0	3.0	2,170	65
1980	4.3	4.3	2,000	86
1981	7.5	7.0	2,140	150
1982	8.0	6.0	1,830	110
1983 a/	2.0	2.0	1,800	36
PINK				
1979	14.0	14.0	1,790	250
1980	44.0	44.0	1,590	700
1981	44.0	42.0	1,670	700
1982	15.0	13.0	1,690	220
1983 a/	11.0	11.0	1,680	185

DRY BEANS: Acreage, yield, and production, by variety, California, 1979-83 (Continued)

Crop/Year	Planted	Harvested	Yield Per Acre	Production (clean)
	- - - - 1,000 Acres	- - - -	- Pounds -	- 1,000 Cwt. -
GARBANZO				
1979	18.0	18.0	840	152
1980	8.0	8.0	840	67
1981	6.5	6.0	830	50
1982	10.0	8.0	750	60
1983 a/	8.0	7.0	670	47
MISCELLANEOUS b/				
1979	12.0	12.0	1,950	234
1980	5.7	5.7	1,750	100
1981	12.0	11.0	1,820	200
1982	13.0	10.0	1,700	170
1983 a/	7.0	6.0	1,830	110
ALL LIMAS				
1979	56.0	56.0	2,120	1,185
1980	53.0	53.0	2,270	1,205
1981	61.0	59.0	2,200	1,300
1982	59.0	53.0	2,090	1,110
1983 a/	52.0	51.0	1,900	971
ALL DRY BEANS				
1979	207.0	207.0	1,739	3,600
1980	213.0	213.0	1,790	3,813
1981	235.0	224.0	1,833	4,105
1982	238.0	210.0	1,707	3,585
1983 b/	141.0	138.0	1,708	2,357

a/ Preliminary.

b/ Includes navy, pinto, cranberry, small red, commercial green baby limas, and other miscellaneous varieties. Garden seed beans have been excluded.

CALIFORNIA
DRY BEANS
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WHEAT VARIETIES: Planted Acreage and Percentage by Districts, 1983 a/

Variety		1983 CROP REVISED					1983 Total Acres
		Sacramento Valley	San Joaquin Valley	Coast	Southern California	Sierra and No. Calif.	
WHITE VARIETIES							
Gaines-Nugaines	Acres	---	---	---	---	2,000	2,000
	Percent	---	---	---	---	9.5	0.3
Hyslop	Acres	---	---	---	---	2,000	2,000
	Percent	---	---	---	---	9.5	0.3
McDermid	Acres	---	---	---	---	3,000	3,000
	Percent	---	---	---	---	14.3	0.4
Moro	Acres	---	---	---	---	3,000	3,000
	Percent	---	---	---	---	14.3	0.4
Ramona 50	Acres	---	11,000	1,000	3,000	---	15,000
	Percent	---	3.4	2.1	3.9	---	2.1
Siete Cerros 66	Acres	---	b/	---	---	---	b/
	Percent	---	b/	---	---	---	b/
Yamhill	Acres	---	---	---	---	6,000	6,000
	Percent	---	---	---	---	28.5	0.8
Other & Unknown White	Acres	1,000	2,000	---	---	2,000	5,000
	Percent	0.4	0.6	---	---	9.5	0.7
RED VARIETIES							
Aim	Acres	1,000	b/	---	---	---	1,000
	Percent	0.4	b/	---	---	---	0.1
Anza	Acres	227,000	89,000	12,000	5,000	1,000	334,000
	Percent	89.3	27.0	25.0	6.5	4.8	45.8
Cajeme 71	Acres	---	---	---	4,000	---	4,000
	Percent	---	---	---	5.2	---	0.5
Inia 66 or 66R	Acres	1,000	7,000	12,000	---	---	20,000
	Percent	0.4	2.1	25.0	---	---	2.7
Probrand 771	Acres	1,000	12,000	---	3,000	---	16,000
	Percent	0.4	3.6	---	3.9	---	2.2
Probred	Acres	---	---	---	3,000	---	3,000
	Percent	---	---	---	3.9	---	0.4
Shasta	Acres	---	---	1,000	---	---	1,000
	Percent	---	---	2.1	---	---	0.1
W. 444	Acres	---	3,000	b/	---	---	3,000
	Percent	---	0.9	b/	---	---	0.4
Westbred 911	Acres	1,000	2,000	---	8,000	---	11,000
	Percent	0.4	0.6	---	10.4	---	1.5
Yecora Rojo	Acres	15,000	195,000	20,000	48,000	1,000	279,000
	Percent	5.9	59.1	41.6	62.3	4.8	38.2
Yolo	Acres	5,000	b/	---	---	---	5,000
	Percent	2.0	b/	---	---	---	0.7
Other & Unknown Red	Acres	2,000	9,000	2,000	3,000	1,000	17,000
	Percent	0.8	2.7	4.2	3.9	4.8	2.4
ALL WINTER WHEAT	Acres	254,000	330,000	48,000	77,000	21,000	730,000
	Percent	34.8	45.2	6.6	10.5	2.9	100.0
DURUM VARIETIES							
Aldura	Acres	---	b/	---	21,000	---	21,000
	Percent	---	b/	---	30.0	---	26.2
Jori 69	Acres	---	b/	---	---	---	b/
	Percent	---	b/	---	---	---	b/
Mexicali 75	Acres	---	---	---	22,000	---	22,000
	Percent	---	---	---	31.4	---	27.5
Modoc	Acres	---	---	---	---	1,000	1,000
	Percent	---	---	---	---	100.0	1.3
Westbred 881	Acres	---	b/	---	18,000	---	18,000
	Percent	---	b/	---	25.7	---	22.5
Other & Unknown Durum	Acres	2,000	7,000	---	9,000	---	18,000
	Percent	100.0	100.0	---	12.9	---	22.5
ALL DURUM WHEAT	Acres	2,000	7,000	---	70,000	1,000	80,000
	Percent	2.5	8.8	---	87.5	1.2	100.0
STATE TOTAL							
1983	Acres	256,000	337,000	48,000	147,000	22,000	810,000
	Percent	31.6	41.6	5.9	18.2	2.7	100.0

a/ Percentages adjusted in some cases to add to 100.0.
b/ Included in Other.

WHEAT VARIETIES: PLANTED ACREAGE AND PERCENT, 1979-1983

VARIETY		1979	1980	1981	1982	1983
WHITE VARIETIES						
Dirkwin	Acres	---	---	---	7,500	---
	Percent	---	---	---	0.7	---
Gaines-Nugaines	Acres	4,000	15,000	8,000	7,000	2,000
	Percent	0.5	1.3	0.6	0.7	0.3
Hyslop	Acres	9,000	16,000	11,000	5,000	2,000
	Percent	1.1	1.4	0.9	0.5	0.3
McDermid	Acres	---	---	---	---	3,000
	Percent	---	---	---	---	0.4
Moro	Acres	---	---	---	---	3,000
	Percent	---	---	---	---	0.4
Onas-Onas 53	Acres	8,000	---	1,000	---	---
	Percent	1.0	---	0.1	---	---
Ramona 50	Acres	20.000	2,000	8,000	10,500	15,000
	Percent	2.5	0.2	0.6	1.0	2.1
Siete Cerros 66	Acres	3,000	---	---	11,000	a/
	Percent	0.4	---	---	1.1	a/
Yamhill	Acres	---	---	---	---	6,000
	Percent	---	---	---	---	0.8
Other & Unknown White	Acres	---	6,000	11,000	7,000	5,000
	Percent	---	0.5	0.9	0.7	0.7
RED VARIETIES						
Aim	Acres	2,000	---	---	6,000	1,000
	Percent	0.3	---	---	0.6	0.1
Anza	Acres	381,000	590,000	736,000	431,000	334,000
	Percent	48.0	52.2	58.9	42.3	45.8
Cajeme 71	Acres	18,000	30,000	13,000	3,500	4,000
	Percent	2.3	2.7	1.0	0.3	0.5
Inia 66 or 66R	Acres	78,000	75,000	62,000	43,500	20,000
	Percent	9.8	6.6	5.0	4.3	2.7
Probrand 771	Acres	---	---	---	20,500	16,000
	Percent	---	---	---	2.0	2.2
Probred	Acres	29,000	30,000	31,000	4,000	3,000
	Percent	3.7	2.7	2.5	0.4	0.4
Shasta	Acres	---	9,000	6,000	2,000	1,000
	Percent	---	0.8	0.5	0.2	0.1
Tanori 71	Acres	23,000	27,000	1,000	---	---
	Percent	2.9	2.4	0.1	---	---
W 433	Acres	3,000	1,000	4,000	---	---
	Percent	0.4	0.1	0.3	---	---
W 444	Acres	---	16,000	23,000	11,500	3,000
	Percent	---	1.4	1.8	1.1	0.4
Westbred 911	Acres	---	---	---	---	11,000
	Percent	---	---	---	---	1.5
Yecora Rojo	Acres	164,000	271,000	295,000	433,500	279,000
	Percent	20.7	24.0	23.6	42.5	38.2
Yolo	Acres	---	---	---	---	5,000
	Percent	---	---	---	---	0.7
Other & Unknown Red	Acres	51,000	42,000	40,000	16,500	17,000
	Percent	6.4	3.7	3.2	1.6	2.4
ALL WINTER WHEAT	Acres	793,000	1,130,000	1,250,000	1,020,000	730,000
	Percent	100.0	100.0	100.0	100.0	100.0
DURUM VARIETIES						
1000D	Acres	a/	13,000	58,000	20,000	---
	Percent	a/	12.4	34.1	15.4	---
Aldura	Acres	a/	3,000	28,000	40,000	21,000
	Percent	a/	2.9	16.5	30.8	26.2
Jori 69	Acres	---	---	5,000	a/	a/
	Percent	---	---	2.9	a/	a/
Mexicali 75	Acres	15,000	16,000	45,000	54,500	22,000
	Percent	31.9	15.2	26.5	41.9	27.5
Modoc	Acres	---	---	5,000	a/	1,000
	Percent	---	---	2.9	a/	1.3
Produra	Acres	24,000	41,000	16,000	a/	---
	Percent	51.1	39.0	9.4	a/	---
Westbred 881	Acres	---	---	---	---	18,000
	Percent	---	---	---	---	22.5
Other & Unknown Durum	Acres	8,000	32,000	13,000	15,500	18,000
	Percent	17.0	30.5	7.7	11.9	22.5
ALL DURUM WHEAT	Acres	47,000	105,000	170,000	130,000	80,000
	Percent	100.0	100.0	100.0	100.0	100.0
ALL WHEAT	Acres	840.000	1.235.000	1.420.000	1.150,000	810.000

a/ Included in other.

BARLEY VARIETIES: Planted acreage and percentage by districts, 1983 a/

Variety		1983 Crop					1983 Variety Totals
		Sacramento Valley	San Joaquin Valley	Coast	Southern California	Northern & Sierra Co's.	
FEED VARIETIES							
Arivat	Acres	1,500	800	35,900	6,900	—	45,100
	Percent	5.0	0.4	19.6	13.5	—	8.1
Atlas	Acres	600	8,100	2,900	3,000	—	14,600
	Percent	2.0	3.9	1.6	5.9	—	2.6
Briggs	Acres	11,600	1,300	13,000	11,800	—	37,700
	Percent	38.7	0.6	7.1	23.2	—	6.7
C.M. 67	Acres	400	24,700	1,100	200	—	26,400
	Percent	1.3	11.8	0.6	0.4	—	4.7
C.M. 72	Acres	2,800	56,200	36,400	7,100	—	102,500
	Percent	9.3	26.9	19.9	13.9	—	18.3
Gus	Acres	—	6,900	—	5,200	4,700	16,800
	Percent	—	3.3	—	10.2	5.4	3.0
Poco	Acres	—	2,100	1,600	—	—	3,700
	Percent	—	1.0	0.9	—	—	0.7
Prato	Acres	10,400	17,600	65,100	5,800	—	98,900
	Percent	34.7	8.4	35.6	11.4	—	17.7
Steptoe	Acres	—	—	—	—	20,400	20,400
	Percent	—	—	—	—	23.5	3.6
Sunbar 400	Acres	100	10,200	—	—	—	10,300
	Percent	0.3	4.9	—	—	—	1.8
Sunbar 401	Acres	—	5,900	—	—	—	5,900
	Percent	—	2.8	—	—	—	1.1
U.C. 566	Acres	—	24,900	13,400	6,700	—	45,000
	Percent	—	11.9	7.3	13.1	—	8.0
MALTING VARIETIES							
Hannchen	Acres	—	—	7,900	—	—	7,900
	Percent	—	—	4.3	—	—	1.4
Klages	Acres	—	—	—	—	18,900	18,900
	Percent	—	—	—	—	21.7	3.4
OTHER AND UNKNOWN VARIETIES	Acres	2,600	50,300	5,700	4,300	43,000	105,900
	Percent	8.7	24.1	3.1	8.4	49.4	18.9
STATE TOTALS	Acres	30,000	209,000	183,000	51,000	87,000	560,000
	Percent	5.4	37.3	32.7	9.1	15.5	100.0

a/ Revised.

BARLEY VARIETIES: PLANTED ACREAGE AND PERCENT, 1979-1983

Variety		1979	1980	1981	1982	1983
FEED VARIETIES						
Arivat	Acres	22,000	18,000	43,000	67,300	45,100
	Percent	2.4	2.2	5.8	9.6	8.1
Atlas	Acres	4,000	3,000	13,000	34,500	14,600
	Percent	0.4	0.4	1.8	4.9	2.6
Briggs	Acres	90,000	100,000	113,000	71,800	37,700
	Percent	10.0	12.5	15.3	10.3	6.7
Calif. "Blue"	Acres	5,000	3,000	a/	10,600	a/
Mariout	Percent	0.6	0.4	a/	1.5	a/
C.M. 67	Acres	160,000	98,000	89,000	65,200	26,400
	Percent	17.8	12.3	12.0	9.3	4.7
C.M. 72	Acres	253,000	189,000	133,000	170,300	102,500
	Percent	28.1	23.6	18.0	24.3	18.3
Gus	Acres	50,000	60,000	40,000	9,800	16,800
	Percent	5.6	7.5	5.4	1.4	3.0
Kombar	Acres	40,000	25,000	9,000	6,700	a/
	Percent	4.5	3.1	1.2	1.0	a/
Kombyne	Acres	65,000	118,000	61,000	16,700	a/
	Percent	7.2	14.8	8.2	2.4	a/
Poco	Acres	a/	a/	a/	9,900	3,700
	Percent	a/	a/	a/	1.4	0.7
Prato	Acres	a/	a/	72,000	54,900	98,900
	Percent	a/	a/	9.7	7.8	17.7
Schuyler	Acres	6,000	5,000	a/	a/	a/
	Percent	0.7	0.6	a/	a/	a/
Steptoe	Acres	a/	13,000	20,000	21,600	20,400
	Percent	a/	1.6	2.7	3.1	3.6
Sunbar 400	Acres	a/	a/	15,000	14,300	10,300
	Percent	a/	a/	2.0	2.0	1.8
Sunbar 401	Acres	a/	a/	18,000	58,700	5,900
	Percent	a/	a/	2.4	8.4	1.1
U.C. 566	Acres	75,000	78,000	42,000	7,600	45,000
	Percent	8.3	9.7	5.7	1.1	8.0
Winter	Acres	21,000	15,000	a/	a/	a/
Tennessee	Percent	2.3	1.9	a/	a/	a/
Wocus	Acres	2,000	1,000	a/	a/	a/
	Percent	0.2	0.1	a/	a/	a/
MALTING VARIETIES						
Firlbecks III	Acres	3,000	2,000	a/	a/	a/
	Percent	0.3	0.3			
Hannchen	Acres	16,000	14,000	a/	a/	7,900
	Percent	1.8	1.8	a/	a/	1.4
Klages	Acres	26,000	17,000	30,000	30,000	18,900
	Percent	2.9	2.1	4.1	4.3	3.4
Manker	Acres	a/	a/	10,000	5,400	a/
	Percent	a/	a/	1.4	0.8	a/
OTHER AND UNKNOWN VARIETIES	Acres	62,000	41,000	32,000	44,700	105,900
	Percent	6.9	5.1	4.3	6.4	18.9
TOTAL	Acres	900,000	800,000	740,000	700,000	560,000
	Percent	100.0	100.0	100.0	100.0	100.0

a/ Included in "Other and Unknown Varieties".

CALIFORNIA ALL WHEAT: Acreage, yield, and production, by counties, 1980-81

County	1980				1981			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- Bushels -		- - Acres - -		- Bushels -	
Del Norte	—	—	—	—	—	—	—	—
Shasta	3,000	2,700	39.6	107,000	3,500	3,200	38.8	124,000
Siskiyou	17,500	15,800	77.0	1,217,000	21,500	18,800	80.0	1,504,000
	20,500	18,500	71.6	1,324,000	25,000	22,000	74.0	1,628,000
Lassen	6,000	5,500	53.6	295,000	7,500	6,500	55.8	363,000
Modoc	5,500	5,000	68.0	340,000	3,000	2,500	60.0	150,000
	11,500	10,500	60.5	635,000	10,500	9,000	57.0	513,000
Alameda	1,500	1,300	63.8	83,000	2,700	2,400	52.5	126,000
Contra Costa	6,700	6,000	83.7	502,000	9,700	9,000	80.0	720,000
Lake	1,000	800	43.8	35,000	1,000	800	50.0	40,000
Monterey	2,000	1,500	33.3	50,000	2,500	2,000	34.0	68,000
Napa	800	600	16.7	10,000	1,000	800	20.0	16,000
San Benito	1,000	800	43.8	35,000	1,100	1,000	50.0	50,000
San Luis Obispo	71,000	66,000	28.7	1,892,000	78,200	68,000	29.0	1,972,000
Santa Clara	—	—	—	—	1,300	1,000	67.0	67,000
Sonoma	—	—	—	—	500	500	20.0	10,000
	84,000	77,000	33.9	2,607,000	98,000	85,500	35.9	3,069,000
Butte	39,000	37,000	80.8	2,989,000	46,000	44,000	78.0	3,432,000
Colusa	58,000	50,000	72.0	3,600,000	56,000	54,000	75.0	4,050,000
Glenn	52,000	50,000	59.0	2,950,000	50,000	46,000	67.0	3,082,000
Sacramento	57,000	55,000	82.0	4,510,000	69,000	66,000	90.5	5,976,000
Solano	56,000	52,000	77.0	4,004,000	59,500	57,500	86.0	4,945,000
Sutter	48,000	45,000	80.0	3,600,000	61,500	59,500	88.6	5,270,000
Tehama	30,000	25,000	50.0	1,250,000	34,500	32,500	43.0	1,398,000
Yolo	110,000	105,000	87.6	9,200,000	120,500	116,500	86.8	10,115,000
Yuba	11,000	10,000	65.0	650,000	9,500	9,000	62.0	558,000
	461,000	429,000	76.3	32,753,000	506,500	485,000	80.1	38,826,000
Fresno	90,000	85,000	84.0	7,140,000	106,500	103,000	80.0	8,240,000
Kern	66,000	61,000	71.1	4,335,000	72,500	69,500	84.6	5,880,000
Kings	56,000	53,000	80.0	4,240,000	93,500	88,500	90.4	7,998,000
Madera	55,000	50,000	81.0	4,050,000	59,500	57,500	77.0	4,428,000
Merced	36,000	30,000	75.0	2,250,000	42,000	40,000	77.0	3,080,000
San Joaquin	70,000	66,000	80.0	5,280,000	69,500	67,000	95.4	6,394,000
Stanislaus	10,000	9,000	74.8	673,000	18,000	17,000	73.0	1,241,000
Tulare	70,000	67,000	70.4	4,720,000	74,000	71,500	81.3	5,814,000
	453,000	421,000	77.6	32,688,000	535,500	514,000	83.8	43,075,000
Amador	500	400	40.0	16,000	1,400	1,300	55.4	72,000
Placer	9,000	7,200	28.1	202,000	10,600	9,300	26.0	242,000
Sierra	500	400	40.0	16,000	500	400	40.0	16,000
	10,000	8,000	29.3	234,000	12,500	11,000	30.0	330,000
Imperial	155,000	150,000	90.0	13,500,000	166,000	66,000	90.0	14,940,000
Los Angeles	7,000	6,000	30.0	180,000	7,800	6,800	40.0	272,000
Riverside	22,000	19,000	65.0	1,235,000	33,600	31,500	76.0	2,394,000
San Bernardino	2,000	2,000	40.0	80,000	2,000	1,500	40.0	60,000
San Diego	2,000	2,000	37.0	74,000	2,300	2,000	33.0	66,000
Santa Barbara	5,000	5,000	30.0	150,000	9,300	8,500	36.0	306,000
Ventura	2,000	2,000	20.0	40,000	2,500	2,200	30.0	66,000
	195,000	186,000	82.0	15,259,000	232,000	218,500	82.9	18,104,000
STATE	1,235,000	1,150,000	74.3	85,500,000	1,420,000	1,345,000	78.5	105,545,000

CALIFORNIA ALL WHEAT: Acreage, yield, and production, by counties, 1982-83

County	1982 Planted	1982 Harvested	1982 Yield Per Acre	1982 Production	1983 Planted	1983 Harvested	1983 Yield Per Acre	1983 Production
	- - - Acres - - -		- - Bushels - -		- - - Acres - - -		- - Bushels - -	
Del Norte	---	2,800	---	---	2,000	1,800	38.9	70,000
Shasta	3,000	1,800	40.0	112,000	---	---	---	---
Siskiyou	21,000	18,200	80.2	1,459,000	13,000	10,200	65.2	665,000
	24,000	21,000	74.8	1,571,000	15,000	12,000	61.3	735,000
Lassen	6,000	5,500	54.5	300,000	3,000	2,200	50.0	110,000
Modoc	2,500	2,000	56.0	112,000	1,000	800	43.8	35,000
	8,500	7,500	54.9	412,000	4,000	3,000	48.3	145,000
Alameda	3,700	3,500	54.9	192,000	2,700	2,200	56.8	125,000
Contra Costa	8,200	7,700	70.0	539,000	9,500	7,900	46.8	370,000
Lake	500	400	45.0	18,000	500	400	45.0	18,000
Monterey	1,900	1,500	30.0	45,000	2,000	1,700	30.0	51,000
Napa	900	800	28.8	23,000	500	400	37.5	15,000
San Benito	1,200	1,100	50.0	55,000	1,500	1,400	46.4	65,000
San Luis Obispo	61,400	53,000	34.0	1,802,000	30,000	25,000	33.0	825,000
Santa Clara	1,100	900	66.7	60,000	1,000	800	68.8	55,000
Sonoma	100	100	30.0	3,000	300	200	30.0	6,000
	79,000	69,000	39.7	2,737,000	48,000	40,000	38.3	1,530,000
Butte	32,500	31,000	65.0	2,015,000	20,000	17,000	54.0	918,000
Colusa	37,500	35,000	66.8	2,338,000	22,000	18,000	43.0	774,000
Glenn	31,500	28,500	62.0	1,767,000	27,000	22,000	47.0	1,034,000
Sacramento	34,000	31,000	78.0	2,418,000	25,000	20,000	76.0	1,520,000
Solano	42,000	40,500	80.0	3,240,000	18,000	15,000	51.3	770,000
Sutter	53,500	48,000	74.1	3,557,000	62,000	53,000	46.0	2,440,000
Tehama	11,500	10,000	56.3	563,000	10,000	8,000	43.8	350,000
Yolo	84,000	79,000	72.0	5,688,000	69,000	59,000	50.0	2,950,000
Yuba	2,500	2,000	52.0	104,000	3,000	2,000	45.0	90,000
	329,000	305,000	71.1	21,690,000	256,000	214,000	50.7	10,846,000
Fresno	93,500	89,000	75.0	6,675,000	85,000	71,000	79.0	5,609,000
Kern	92,000	89,000	76.0	6,764,000	66,000	56,000	84.4	4,728,000
Kings	75,000	71,000	64.0	4,544,000	38,000	32,000	91.9	2,940,000
Madera	48,000	46,500	80.0	3,720,000	25,000	21,000	81.0	1,700,000
Merced	33,000	31,000	73.0	2,263,000	21,000	18,000	67.0	1,206,000
San Joaquin	57,000	55,000	79.0	4,345,000	48,000	41,000	67.0	2,747,000
Stanislaus	12,500	12,000	73.8	885,000	7,000	6,000	63.0	378,000
Tulare	68,500	66,000	68.0	4,488,000	47,000	40,000	77.0	3,080,000
	479,500	459,500	73.3	33,684,000	337,000	285,000	78.6	22,388,000
Amador	1,500	1,300	51.5	67,000	1,000	800	50.0	40,000
Placer	5,900	4,200	15.0	63,000	1,700	1,000	18.0	18,000
Sierra	600	500	40.0	20,000	300	200	40.0	8,000
	8,000	6,000	25.0	150,000	3,000	2,000	33.0	66,000
Imperial	177,200	168,700	86.4	14,572,000	115,000	97,000	95.0	9,215,000
Los Angeles	6,300	5,000	24.4	122,000	4,000	3,400	40.0	136,000
Riverside	25,800	23,000	77.6	1,785,000	18,000	15,000	73.0	1,095,000
San Bernardino	1,000	500	40.0	20,000	500	400	60.0	24,000
San Diego	2,000	1,500	32.0	48,000	1,500	1,300	40.0	52,000
Santa Barbara	9,000	8,000	46.8	374,000	7,500	6,500	48.0	312,000
Ventura	700	300	33.3	10,000	500	400	40.0	16,000
	222,000	207,000	81.8	16,931,000	147,000	124,000	87.5	10,850,000
STATE	1,150,000	1,075,000	71.8	77,175,000	910,000	680,000	68.5	46,560,000

CALIFORNIA BARLEY: Acreage, yield, and production, by counties, 1980-81

County	1980				1981			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- - - Bushels - - -		- - - Acres - - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	1,000	900	35.6	32,000	1,000	900	36.7	33,000
	1,000	900	35.6	32,000	1,000	900	36.7	33,000
Shasta	1,500	1,000	47.0	47,000	1,500	1,000	50.0	50,000
Siskiyou	40,000	34,800	75.0	2,610,000	40,000	34,800	81.8	2,845,000
Trinity	---	---	---	---	---	---	---	---
	41,500	35,800	74.2	2,657,000	41,500	35,800	80.9	2,895,000
Lassen	4,400	3,500	54.3	190,000	4,200	3,400	54.1	184,000
Modoc	23,400	19,500	80.0	1,560,000	23,000	19,000	97.0	1,843,000
Plumas	300	200	65.0	13,000	1,300	1,100	25.5	28,000
	28,100	23,200	76.0	1,763,000	28,500	23,500	87.4	2,055,000
Alameda	8,500	6,500	35.1	228,000	6,300	4,500	44.4	200,000
Contra Costa	7,200	6,100	61.0	372,000	3,000	2,300	35.7	82,000
Lake	300	300	50.0	15,000	300	200	60.0	12,000
Marin	---	---	---	---	100	100	40.0	4,000
Monterey	56,000	49,000	50.0	2,450,000	57,000	48,500	52.0	2,522,000
Napa	100	100	50.0	5,000	200	200	45.0	9,000
San Benito	9,200	8,500	58.2	495,000	9,100	8,400	54.0	454,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	90,000	82,000	50.0	4,100,000	97,400	89,900	54.0	4,856,000
San Mateo	1,700	1,500	50.0	75,000	1,400	1,200	45.8	55,000
Santa Clara	1,300	1,100	62.7	69,000	1,100	900	62.2	56,000
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	100	100	40.0	4,000	200	100	40.0	4,000
	174,400	155,200	50.3	7,813,000	176,100	156,300	52.8	8,254,000
Butte	4,700	3,900	54.1	211,000	4,800	3,800	57.9	220,000
Colusa	17,500	15,000	62.0	930,000	17,000	13,500	67.0	904,000
Glenn	8,000	7,100	37.5	266,000	9,000	7,200	41.9	302,000
Sacramento	1,500	1,200	95.8	115,000	1,700	1,000	75.0	75,000
Solano	9,500	8,300	58.3	484,000	9,700	7,500	60.0	450,000
Sutter	14,500	12,000	55.0	660,000	15,000	11,500	88.0	1,012,000
Tehama	3,000	2,800	37.5	105,000	3,500	3,000	50.0	150,000
Yolo	29,500	27,500	45.0	1,237,000	17,300	14,000	46.0	644,000
Yuba	2,500	1,000	48.0	48,000	2,100	600	61.7	37,000
	90,700	78,800	51.5	4,056,000	80,100	62,100	61.1	3,794,000
Fresno	130,900	121,900	76.5	9,330,000	99,800	91,600	73.0	6,687,000
Kern	37,000	33,000	79.0	2,607,000	33,000	29,000	65.0	1,885,000
Kings	91,000	86,000	70.0	6,020,000	97,000	90,000	65.0	5,850,000
Madera	19,800	17,300	49.0	848,000	20,000	16,500	71.0	1,171,000
Merced	23,500	19,900	72.0	1,433,000	20,300	15,700	73.0	1,146,000
San Joaquin	31,000	27,000	75.0	2,025,000	30,000	26,000	74.0	1,924,000
Stanislaus	18,600	16,000	56.0	896,000	16,000	13,000	58.0	754,000
Tulare	54,500	51,000	59.0	3,009,000	38,600	32,700	76.0	2,485,000
	406,300	372,100	70.3	26,168,000	354,700	314,500	69.6	21,902,000
Alpine	---	---	---	---	---	---	---	---
Amador	500	500	80.0	40,000	400	300	120.0	36,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	100	100	30.0	3,000
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	600	500	40.0	20,000	500	400	35.0	14,000
Sierra	100	100	20.0	2,000	100	100	20.0	2,000
Tuolumne	100	100	40.0	4,000	---	---	---	---
	1,300	1,200	55.0	66,000	1,100	900	61.1	55,000
Imperial	3,000	1,900	75.3	143,000	1,400	400	105.0	42,000
Los Angeles	7,600	6,000	19.0	114,000	5,500	5,000	9.0	45,000
Orange	2,400	1,600	30.0	48,000	4,800	4,000	38.0	152,000
Riverside	24,300	20,800	30.2	628,000	28,500	25,300	25.0	632,000
San Bernardino	3,000	2,000	46.0	92,000	,300	1,800	47.8	86,000
San Diego	4,900	3,500	30.0	105,000	4,500	3,000	31.0	93,000
Santa Barbara	6,500	5,000	63.8	6,500	319,000	3,500	42.0	147,000
Ventura	5,000	4,000	35.0	140,000	4,000	3,000	45.0	135,000
	56,700	44,800	35.5	1,589,000	57,000	46,000	29.0	1,332,000
STATE	800,000	712,000	62.0	44,144,000	740,000	640,000	63.0	40,320,000

CALIFORNIA BARLEY: Acreage, yield, and production, by counties, 1982-83

County	1982				1983			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	Acres		Bushels		Acres		Bushels	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	100	---	---	---	100	---	---	---
Mendocino	1,000	900	38.9	35,000	1,100	1,000	39.0	39,000
	1,100	900	38.9	35,000	1,200	1,000	39.0	39,000
Shasta	1,600	1,500	50.0	75,000	800	700	57.1	40,000
Siskiyou	55,000	51,000	93.3	4,758,000	53,200	48,300	81.3	3,929,000
Trinity	---	---	---	---	---	---	---	---
	56,600	52,500	92.1	4,833,000	54,000	49,000	81.0	3,969,000
Lassen	3,700	3,300	62.1	205,000	4,000	3,000	60.0	180,000
Modoc	25,300	22,900	104.0	2,381,000	25,900	23,700	120.8	2,862,000
Plumas	1,000	700	25.7	18,000	400	300	36.7	11,000
	30,000	26,900	96.8	2,604,000	30,300	27,000	113.1	3,053,000
Alameda	4,200	3,400	42.6	145,000	4,200	1,500	38.0	57,000
Contra Costa	3,200	2,900	47.9	139,000	2,500	500	46.0	23,000
Lake	700	600	58.3	35,000	600	500	48.0	24,000
Marin	200	100	40.0	4,000	200	100	40.0	4,000
Monterey	52,200	48,000	41.7	2,002,000	48,000	45,000	37.1	1,669,000
Napa	100	---	---	---	100	---	---	---
San Benito	13,000	9,500	54.0	513,000	13,000	10,000	43.7	437,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	119,800	104,800	40.5	4,249,000	109,900	96,300	38.2	3,675,000
San Mateo	1,200	900	45.6	41,000	1,200	1,100	44.5	49,000
Santa Clara	1,100	1,000	62.0	62,000	2,500	2,200	30.9	68,000
Santa Cruz	200	100	50.0	5,000	200	100	40.0	4,000
Sonoma	200	100	40.0	4,000	600	200	35.0	7,000
	196,100	171,400	42.0	7,199,000	183,000	157,500	38.2	6,017,000
Butte	6,000	5,300	56.0	297,00	3,000	2,500	50.0	125,000
Colusa	11,100	10,000	54.0	540,000	3,500	3,000	41.7	125,000
Glenn	8,100	7,400	37.0	274,000	4,000	3,000	29.3	88,000
Sacramento	1,300	900	71.1	64,000	300	100	70.0	7,000
Solano	10,000	8,100	40.0	324,000	5,700	5,400	40.6	219,000
Sutter	15,600	15,000	50.0	750,000	7,300	5,100	50.6	258,000
Tehama	3,200	3,000	40.0	120,000	2,000	1,700	40.0	68,000
Yolo	19,000	17,800	51.0	907,000	3,700	3,300	41.2	136,000
Yuba	900	600	31.7	19,000	500	400	32.5	13,000
	75,200	68,100	48.4	3,295,000	30,000	24,500	42.4	1,039,000
Fresno	82,000	78,100	81.7	6,380,000	66,000	62,000	75.8	4,700,000
Kern	34,500	29,300	70.4	2,062,000	33,000	27,000	75.4	2,036,000
Kings	65,000	55,200	61.3	3,383,000	47,000	44,000	80.9	3,560,000
Madera	15,300	13,000	81.7	1,062,000	13,000	8,600	71.3	613,000
Merced	15,100	14,000	70.8	991,000	10,000	9,000	50.8	457,000
San Joaquin	20,000	14,200	83.2	1,182,000	8,500	7,100	50.3	357,000
Stanislaus	11,400	8,000	71.6	573,000	10,500	8,300	52.8	438,000
Tulare	37,000	32,700	75.8	2,478,000	21,000	17,000	71.5	1,216,000
	280,300	244,500	74.1	18,111,000	209,000	183,000	73.1	13,377,000
Alpine	100	100	30.0	3,000	100	100	30.0	3,000
Amador	500	400	70.0	28,000	400	200	50.0	10,000
Calaveras	300	300	90.0	27,000	200	100	50.0	5,000
El Dorado	---	---	---	---	---	---	---	---
Inyo	200	---	---	---	200	100	30.0	3,000
Mariposa	100	100	30.0	3,000	100	100	30.0	3,000
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	700	400	40.0	16,000	200	200	40.0	8,000
Sierra	100	100	40.0	4,000	100	100	40.0	4,000
Tuolumne	800	800	40.0	32,000	200	100	40.0	4,000
	2,800	2,200	51.4	113,000	1,500	1,000	40.0	40,000
Imperial	2,700	2,500	90.8	227,000	3,000	2,500	74.8	187,000
Los Angeles	10,000	8,700	25.1	218,000	8,500	7,600	17.8	135,000
Orange	6,700	6,400	42.0	269,000	6,000	5,800	50.3	292,000
Riverside	25,200	24,700	45.0	1,112,000	19,500	18,800	42.9	806,000
San Bernardino	3,000	1,800	40.6	73,000	2,500	1,800	31.1	56,000
San Diego	3,000	2,700	29.3	79,000	5,000	4,600	43.0	198,000
Santa Barbara	3,500	3,100	43.9	136,000	3,000	2,900	35.2	102,000
Ventura	3,800	3,600	37.8	136,000	3,500	3,000	30.0	90,000
	57,900	53,500	42.1	2,250,000	51,000	47,000	39.7	1,866,000
STATE	700,000	620,000	62.0	38,440,000	560,000	490,000	60.0	29,400,000

CALIFORNIA OATS: Acreage, yield, and production, by counties, 1980-81

County	1980				1981			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	100	100	60.0	6,000
Mendocino	1,300	900	41.1	37,000	700	300	96.7	29,000
	1,300	900	41.1	37,000	800	400	67.5	35,000
Shasta	1,500	600	60.0	36,000	1,500	700	75.7	53,000
Siskiyou	13,000	12,700	101.4	1,288,000	18,000	5,700	95.1	542,000
Trinity	---	---	---	---	---	---	---	---
	14,500	13,300	99.5	1,324,000	19,500	6,400	93.0	595,000
Lassen	7,000	600	65.0	39,000	6,800	500	56.0	28,000
Modoc	3,000	1,700	80.0	136,000	2,900	1,500	98.7	148,000
Plumas	2,500	600	51.7	31,000	2,400	700	70.0	49,000
	12,500	2,900	71.0	206,000	12,100	2,700	83.3	225,000
Alameda	11,900	---	---	---	12,000	200	40.0	8,000
Contra Costa	3,500	---	---	---	3,500	---	---	---
Lake	1,700	400	52.5	21,000	2,500	500	90.0	45,000
Marin	4,400	---	---	---	4,500	---	---	---
Monterey	6,200	1,100	50.0	55,000	6,300	500	70.0	35,000
Napa	3,900	300	53.3	16,000	4,000	200	45.0	9,000
San Benito	6,800	500	50.0	25,000	7,000	500	40.0	20,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	25,100	1,900	44.2	84,000	25,000	3,200	60.3	193,000
San Mateo	5,000	3,200	39.7	127,000	4,000	3,100	37.7	117,000
Santa Clara	5,700	---	---	---	5,000	800	70.0	56,000
Santa Cruz	600	---	---	---	1,000	---	---	---
Sonoma	24,000	2,000	92.0	184,000	24,000	3,200	60.0	192,000
	98,800	9,400	54.5	512,000	98,800	12,200	55.3	675,000
Butte	9,100	5,600	60.0	336,000	12,000	1,200	55.0	66,000
Colusa	2,100	500	62.0	31,000	1,800	200	50.0	10,000
Glenn	3,100	500	46.0	23,000	4,200	500	76.0	38,000
Sacramento	12,900	1,300	39.2	51,000	4,500	2,200	55.5	122,000
Solano	13,600	4,300	54.9	236,000	11,000	2,000	80.0	160,000
Sutter	3,000	1,300	57.7	75,000	3,500	500	56.0	28,000
Tehama	8,600	600	56.7	34,000	7,500	800	66.3	53,000
Yolo	6,000	1,000	51.0	51,000	5,000	500	80.0	40,000
Yuba	2,200	100	60.0	6,000	2,000	1,000	53.0	53,000
	60,600	15,200	55.5	843,000	51,500	8,900	64.0	570,000
Fresno	2,500	1,200	50.0	60,000	2,700	1,300	104.6	136,000
Kern	7,200	1,000	48.0	48,000	7,800	800	102.5	82,000
Kings	5,100	1,700	47.1	80,000	5,600	1,000	80.0	80,000
Madera	6,600	3,600	60.0	216,000	7,200	2,500	50.0	125,000
Merced	18,800	2,700	47.8	129,000	20,500	4,800	60.4	290,000
San Joaquin	15,100	4,700	63.6	299,000	16,500	3,100	56.1	174,000
Stanislaus	26,300	1,100	52.7	58,000	29,000	3,000	60.0	180,000
Tulare	16,900	400	62.5	25,000	18,000	2,500	85.2	213,000
	98,500	16,400	55.8	915,000	107,300	19,000	67.4	1,280,000
Alpine	---	---	---	---	---	---	---	---
Amador	1,400	300	50.0	15,000	500	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	8,000	3,300	39.1	129,000	7,800	2,200	36.8	81,000
Sierra	2,000	300	40.0	12,000	1,900	300	46.7	14,000
Tuolumne	1,500	300	56.7	17,000	1,500	---	---	---
	12,900	4,200	41.2	173,000	11,700	2,500	38.0	95,000
Imperial	1,000	---	---	---	1,000	500	70.0	35,000
Los Angeles	6,800	200	45.0	9,000	2,000	200	70.0	14,000
Orange	2,000	---	---	---	1,500	---	---	---
Riverside	12,600	3,000	40.0	120,000	10,300	5,000	40.0	200,000
San Bernardino	11,600	2,400	41.7	100,000	9,800	500	80.0	40,000
San Diego	5,400	1,200	46.7	56,000	4,000	400	60.0	24,000
Santa Barbara	9,000	600	50.0	30,000	7,600	1,100	87.3	96,000
Ventura	2,500	300	50.0	15,000	2,100	200	80.0	16,000
	50,900	7,700	42.9	330,000	38,300	7,900	53.8	425,000
STATE	350,000	70,000	62.0	4,340,000	340,000	60,000	65.0	3,900,000

CALIFORNIA OATS: Acreage, yield, and production, by counties, 1982-83

County	1982				1983			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	100	---	---	---	100	---	---	---
Humboldt	500	100	60.0	6,000	400	100	60.0	6,000
Mendocino	1,500	300	96.7	29,000	1,800	200	95.0	19,000
	2,100	400	87.5	35,000	2,300	300	83.3	25,000
Shasta	3,000	1,000	75.0	75,000	4,000	500	68.0	34,000
Siskiyou	13,500	4,800	96.9	465,000	17,000	5,000	94.2	471,000
Trinity	---	---	---	---	---	---	---	---
	16,500	5,800	93.1	540,000	21,000	5,500	91.8	505,000
Lassen	4,000	700	68.6	48,000	2,800	700	71.4	50,000
Modoc	4,000	1,800	100.0	180,000	3,000	1,300	80.0	104,000
Plumas	1,400	700	74.3	52,000	1,200	500	62.0	31,000
	9,400	3,200	87.5	280,000	7,000	2,500	74.0	185,000
Alameda	10,000	200	40.0	8,000	10,000	200	40.0	8,000
Contra Costa	500	300	73.0	22,000	700	100	60.0	6,000
Lake	2,000	300	93.3	28,000	2,300	200	85.0	17,000
Marin	5,000	---	---	---	5,200	600	38.3	23,000
Monterey	5,000	500	72.0	36,000	5,000	500	70.0	35,000
Napa	4,000	200	45.0	9,000	4,300	200	40.0	8,000
San Benito	5,000	700	30.0	21,000	4,000	900	53.3	48,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	22,900	3,100	67.4	209,000	20,500	1,900	60.0	114,000
San Mateo	5,000	2,200	35.0	77,000	4,500	2,200	44.1	97,000
Santa Clara	4,000	1,000	76.0	76,000	3,500	700	70.0	49,000
Santa Cruz	1,000	---	---	---	1,000	---	---	---
Sonoma	23,500	3,500	55.4	194,000	26,000	2,200	68.2	150,000
	87,900	12,000	56.7	680,000	87,000	9,700	57.2	555,000
Butte	6,500	1,000	55.0	55,000	5,800	900	48.9	44,000
Colusa	500	---	---	---	400	---	---	---
Glenn	4,500	500	90.0	45,000	5,300	500	68.0	34,000
Sacramento	7,000	1,400	55.5	77,000	6,500	1,400	57.1	80,000
Solano	10,000	1,000	83.0	83,000	9,500	1,100	69.1	76,000
Sutter	2,500	500	46.0	23,000	2,500	400	47.5	19,000
Tehama	3,500	700	70.0	49,000	3,500	800	60.0	48,000
Yolo	8,000	400	82.5	33,000	7,500	500	70.0	35,000
Yuba	4,000	400	62.5	25,000	5,000	400	60.0	24,000
	46,500	5,900	66.1	390,000	46,000	6,000	60.0	360,000
Fresno	2,000	1,000	109.0	109,000	1,900	800	105.0	84,000
Kern	3,500	500	106.0	53,000	4,000	600	100.0	60,000
Kings	5,000	600	83.3	50,000	6,000	600	80.0	48,000
Madera	5,000	1,200	54.2	65,000	5,000	1,000	65.0	65,000
Merced	21,800	2,000	70.5	141,000	19,600	2,200	64.1	141,000
San Joaquin	15,000	3,600	53.1	191,000	16,000	3,700	45.4	168,000
Stanislaus	30,000	2,000	67.0	134,000	30,500	1,500	56.0	84,000
Tulare	7,500	1,900	87.9	167,000	17,000	1,600	75.0	120,000
	99,800	12,800	71.1	910,000	100,000	12,000	64.2	770,000
Alpine	---	---	---	---	---	---	---	---
Amador	100	---	---	---	---	---	---	---
Calaveras	100	---	---	---	---	---	---	---
El Dorado	200	---	---	---	---	---	---	---
Inyo	100	---	---	---	100	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	100	---	---	---	500	300	40.0	12,000
Nevada	100	---	---	---	---	---	---	---
Placer	7,000	2,100	24.8	52,000	7,000	1,900	24.2	46,000
Sierra	1,100	300	43.3	13,000	1,000	300	40.0	12,000
Tuolumne	1,000	---	---	---	900	---	---	---
	9,800	2,400	27.1	65,000	9,500	2,500	28.0	70,000
Imperial	1,000	500	74.0	37,000	1,000	500	70.0	35,000
Los Angeles	4,000	300	73.3	22,000	4,000	200	65.0	13,000
Orange	2,000	100	80.0	8,000	1,500	---	---	---
Riverside	9,000	4,600	51.3	236,000	9,400	3,800	74.5	283,000
San Bernardino	8,000	200	90.0	18,000	7,500	300	90.0	27,000
San Diego	4,000	400	60.0	24,000	3,800	500	60.0	30,000
Santa Barbara	7,000	1,100	76.4	84,000	6,500	1,000	53.0	53,000
Ventura	3,000	300	70.0	21,000	3,500	200	70.0	14,000
	38,000	7,500	60.0	450,000	37,200	6,500	70.0	455,000
STATE	310,000	50,000	67.0	3,350,000	310,000	45,000	65.0	2,925,000

CALIFORNIA CORN: Acreage, yield, and production, by counties, 1980-81

County	1980				1981			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- Bushels -		- - - Acres - - -		- - Bushels -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	2,500	---	---	---	2,000	---	---	---
Mendocino	---	---	---	---	300	---	---	---
	2,500	---	---	---	2,300	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	500	---	---	---	500	---	---	---
Trinity	---	---	---	---	---	---	---	---
	500	---	---	---	500	---	---	---
Lassen	400	200	106.0	21,200	400	200	105.0	21,000
Modoc	200	200	50.0	10,000	200	200	55.0	11,000
Plumas	---	---	---	---	---	---	---	---
	600	400	78.0	31,200	600	400	80.0	32,000
Alameda	500	500	143.8	71,900	600	500	132.0	66,000
Contra Costa	3,200	2,600	110.0	286,000	4,400	4,000	116.8	467,200
Lake	100	100	81.0	8,100	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	2,600	2,000	142.0	284,000	2,600	2,000	140.0	280,000
Napa	---	---	---	---	---	---	---	---
San Benito	1,100	---	---	---	1,400	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	300	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	100	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	800	---	---	---	500	---	---	---
	8,300	5,200	125.0	650,000	9,900	6,500	125.1	813,200
Butte	4,300	3,500	146.0	511,000	4,500	3,700	137.8	510,000
Colusa	7,700	7,000	139.0	973,000	9,000	7,500	140.0	1,050,000
Glenn	9,600	7,500	125.0	937,500	10,200	8,000	124.0	992,000
Sacramento	55,300	50,000	150.0	7,500,000	56,000	50,000	134.0	6,700,000
Solano	25,700	25,000	135.5	3,386,400	28,500	28,000	138.0	3,865,200
Sutter	9,300	7,300	132.0	963,600	8,500	6,500	125.0	812,500
Tehama	1,400	1,000	100.0	100,000	1,500	1,100	111.0	122,100
Yolo	38,700	36,000	135.0	4,860,000	37,500	36,000	140.0	5,040,000
Yuba	1,500	500	160.0	80,000	2,400	1,200	127.5	153,000
	153,500	137,800	140.1	19,311,500	158,100	142,000	135.5	19,244,800
Fresno	16,200	7,000	100.0	700,000	17,200	6,500	90.0	585,000
Kern	13,400	2,400	107.0	256,800	10,000	2,000	100.0	200,000
Kings	19,500	10,000	116.0	1,160,000	22,200	10,300	107.6	1,108,000
Madera	13,200	8,000	100.0	800,000	13,400	7,200	100.0	720,000
Merced	35,300	8,300	118.0	979,400	38,000	9,000	125.0	1,125,000
San Joaquin	88,000	67,000	147.1	9,858,800	90,000	66,000	139.0	9,174,000
Stanislaus	37,100	7,000	110.0	770,000	45,000	7,500	125.0	937,500
Tulare	58,400	16,500	114.0	1,881,000	58,000	17,000	102.0	1,734,000
	281,100	126,200	130.0	16,406,000	293,800	125,500	124.2	15,583,500
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	400	400	128.0	51,200
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	100	100	138.0	13,800	100	100	133.0	13,300
Sierra	---	---	---	---	100	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	100	100	138.0	13,800	600	500	129.0	64,500
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	1,200	300	125.0	37,500	900	100	120.0	12,000
San Bernardino	700	---	---	---	1,800	---	---	---
San Diego	700	---	---	---	500	---	---	---
Santa Barbara	800	---	---	---	1,000	---	---	---
Ventura	---	---	---	---	---	---	---	---
	3,400	300	125.0	37,500	4,200	100	120.0	12,000
STATE	450,000	270,000	135.0	36,450,000	470,000	275,000	130.0	35,750,000

CALIFORNIA CORN: Acreage, yield, and production, by counties, 1982-83

County	1982				1983			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- Bushels -		- - - Acres - - -		- Bushels -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	1,300	600	75.0	45,000	500	---	---	---
Mendocino	300	---	---	---	---	---	---	---
	1,600	600	75.0	45,000	500	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	500	---	---	---
Trinity	500	---	---	---	---	---	---	---
	500	---	---	---	500	---	---	---
Lassen	600	200	105.0	21,000	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	600	200	105.0	21,000	---	---	---	---
Alameda	700	---	---	---	---	---	---	---
Contra Costa	7,100	7,100	130.0	923,000	3,000	3,000	128.0	384,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	3,900	2,000	140.0	280,000	3,000	2,000	138.0	276,000
Napa	---	---	---	---	---	---	---	---
San Benito	1,000	---	---	---	500	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	600	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	500	---	---	---
Santa Cruz	600	---	---	---	---	---	---	---
Sonoma	300	---	---	---	500	---	---	---
	14,200	9,100	132.2	1,203,000	7,500	5,000	132.0	660,000
Butte	5,000	4,000	135.0	540,000	4,000	3,500	120.0	420,000
Colusa	30,000	25,000	136.0	3,400,000	11,000	11,000	122.0	1,342,000
Glenn	10,000	7,000	128.0	896,000	9,000	8,500	130.0	1,105,000
Sacramento	68,000	56,000	132.0	7,392,000	58,000	50,000	132.0	6,600,000
Solano	58,000	50,000	132.0	6,600,000	35,000	33,000	130.0	4,290,000
Sutter	8,000	7,000	128.0	896,000	7,000	6,500	118.0	767,000
Tehama	2,000	1,000	110.0	110,000	1,000	1,000	150.0	150,000
Yolo	48,000	41,000	132.0	5,412,000	24,000	24,000	126.0	3,025,000
Yuba	3,000	300	110.0	33,000	2,000	500	110.0	55,000
	232,000	191,300	132.1	25,279,000	151,000	138,000	128.7	17,754,000
Fresno	18,000	6,000	100.0	600,000	16,000	5,000	98.0	490,000
Kern	11,000	2,200	95.0	209,000	12,000	10,000	130.0	1,300,000
Kings	24,000	15,000	90.0	1,350,000	25,000	11,000	110.0	1,210,000
Madera	12,200	8,000	120.0	960,000	12,000	7,000	110.0	770,000
Merced	42,000	10,000	121.0	1,210,000	41,000	8,000	112.0	896,000
San Joaquin	98,000	68,000	142.0	9,656,000	85,000	60,000	136.0	8,160,000
Stanislaus	45,000	8,200	135.0	1,107,000	42,000	6,000	140.0	840,000
Tulare	47,000	11,000	110.0	1,210,000	45,000	10,000	120.0	1,200,000
	297,200	128,400	127.0	16,302,000	278,000	117,000	127.1	14,866,000
Alpine	---	---	---	---	---	---	---	---
Amador	400	400	125.0	50,000	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	400	400	125.0	50,000	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	500	---	---	---	---	---	---	---
San Bernardino	1,700	---	---	---	1,400	---	---	---
San Diego	600	---	---	---	---	---	---	
Santa Barbara	700	---	---	---	1,100	---	---	---
Ventura	---	---	---	---	---	---	---	---
	3,500	---	---	---	2,500	---	---	---
STATE	550,000	330,000	130.0	42,900,000	440,000	260,000	128.0	33,280,000

CALIFORNIA GRAIN SORGHUM: Acreage, yield, and production, by counties, 1980-81

County	1980				1981			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- - - Bushels - - -		- - - Acres - - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	2,300	2,000	84.0	168,000	1,200	1,000	90.0	90,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	500	400	85.0	34,000
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	2,300	2,000	84.0	168,000	1,700	1,400	88.6	124,000
Butte	5,500	5,000	85.0	425,000	3,400	3,000	85.0	255,000
Colusa	13,000	12,000	78.0	936,000	2,300	2,000	77.0	154,000
Glenn	10,800	10,000	80.0	800,000	3,400	3,000	68.0	204,000
Sacramento	3,200	3,000	94.0	282,000	1,200	1,000	88.0	88,000
Solano	3,200	3,000	90.0	270,000	1,700	1,500	84.0	126,000
Sutter	22,500	22,000	70.0	1,541,000	17,000	15,500	74.0	1,147,000
Tehama	2,200	2,000	85.0	170,000	2,200	2,000	84.0	168,000
Yolo	16,500	16,000	71.0	1,136,000	10,000	9,000	73.0	657,000
Yuba	2,200	2,000	70.0	140,000	1,300	1,000	70.0	70,000
	79,100	75,000	76.0	5,700,000	42,500	38,000	75.5	2,869,000
Fresno	4,400	3,800	75.0	285,000	3,200	3,000	72.0	216,000
Kern	17,200	16,300	67.0	1,092,000	11,000	10,500	78.0	819,000
Kings	11,300	9,800	66.0	647,000	11,000	10,400	70.0	728,000
Madera	4,000	3,700	68.1	252,000	2,700	2,500	64.0	160,000
Merced	3,000	2,500	66.0	165,000	1,100	1,000	76.0	76,000
San Joaquin	3,500	3,000	74.0	222,000	3,400	3,000	72.0	216,000
Stanislaus	2,100	2,000	89.5	179,000	1,100	1,000	70.0	70,000
Tulare	19,500	17,500	72.7	1,272,000	16,000	15,400	70.0	1,078,000
	65,000	58,600	70.2	4,114,000	49,500	46,800	71.9	3,363,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	6,300	5,900	78.0	460,000	2,200	2,000	92.0	184,000
Los Angeles	1,000	500	56.0	28,000	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	4,300	4,000	62.5	250,000	1,000	700	70.0	49,000
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	1,900	1,500	40.0	60,000	---	---	---	---
	13,500	11,900	67.1	798,000	3,200	2,700	86.3	233,000
Other Counties[a]	5,100	4,500	70.2	316,000	3,100	3,100	70.6	219,000
STATE	165,000	152,000	73.0	11,096,000	100,000	92,000	74.0	6,808,000

CALIFORNIA GRAIN SORGHUM: Acreage, yield, and production, by counties, 1982-83

County	1982 Planted	1982 Harvested	1982 Yield Per Acre	1982 Production	1983 Planted	1983 Harvested	1983 Yield Per Acre	1983 Production
	- - - Acres - - -		- - - Bushels - - -		- - - Acres - - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	500	500	70.0	35,000	---	---	---	---
Contra Costa	1,200	1,000	51.0	51,000	500	500	78.0	39,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	500	500	86.0	43,000	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	2,200	2,000	64.5	129,000	500	500	78.0	39,000
Butte	3,000	2,500	86.0	215,000	2,600	2,200	90.0	198,000
Colusa	3,000	2,500	82.0	205,000	2,000	1,800	85.0	153,000
Glenn	4,300	3,600	75.0	270,000	2,000	1,700	85.0	144,500
Sacramento	4,000	3,600	75.0	270,000	2,800	2,300	90.0	207,000
Solano	2,300	2,000	80.0	160,000	2,000	1,700	80.0	136,000
Sutter	9,000	8,000	89.0	712,000	7,000	6,400	80.0	512,000
Tehama	1,500	1,000	84.0	84,000	500	500	87.0	43,500
Yolo	10,800	10,000	76.0	760,000	4,000	3,500	76.0	266,000
Yuba	1,200	1,000	70.0	70,000	---	---	---	---
	39,100	34,200	80.3	2,746,000	22,900	20,100	82.6	1,660,000
Fresno	1,200	1,000	74.0	74,000	2,500	2,300	75.0	172,500
Kern	6,200	5,500	78.0	429,000	7,000	6,700	80.0	536,000
Kings	6,800	6,000	80.0	480,000	2,500	2,200	75.0	165,000
Madera	1,500	1,000	70.0	70,000	1,200	900	85.0	76,500
Merced	2,000	1,700	80.0	136,000	500	500	84.0	42,000
San Joaquin	1,800	1,500	84.0	126,000	1,500	1,200	80.0	96,000
Stanislaus	700	500	80.0	40,000	500	400	80.0	32,000
Tulare	11,000	10,500	72.0	756,000	8,200	7,500	82.0	615,000
	31,200	27,700	76.2	2,111,000	23,900	21,700	80.0	1,735,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	2,400	2,000	84.0	168,000	1,000	1,000	90.0	90,000
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	2,500	2,000	50.0	100,000	1,000	1,000	70.0	70,000
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
	4,900	4,000	67.0	268,000	2,000	2,000	80.0	160,000
Other Counties[a/]	2,600	2,100	64.8	136,000	700	700	72.9	51,000
STATE	80,000	70,000	77.0	5,390,000	50,000	45,000	81.0	3,645,000

a/ Includes those counties which normally have less than 500 acres planted.

CALIFORNIA RICE: Acreage, yield, and production, by counties, 1980-81

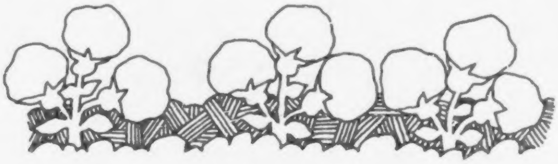
County	1980				1981			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- Pounds -	- Cwt. -	- - - Acres - - -		- Pounds -	- Cwt. -
Butte	105,000	104,000	6,550	6,812,000	114,500	113,500	6,800	7,718,000
Colusa	139,000	138,000	6,560	9,052,000	146,000	144,500	6,800	9,826,000
Glenn	77,500	77,000	6,750	5,197,000	82,000	81,000	7,200	5,832,000
Sacramento	18,000	18,000	6,100	1,098,000	19,000	18,500	7,000	1,295,000
Sutter	98,500	98,000	6,500	6,370,000	102,000	101,000	7,200	7,272,000
Tehama	200	200	6,000	12,000	2,000	2,000	6,950	139,000
Yolo	36,000	36,000	6,300	2,268,000	43,500	43,000	7,100	3,053,000
Yuba	34,000	34,000	6,400	2,176,000	33,500	33,000	7,100	2,343,000
	508,200	505,200	6,530	32,985,000	542,500	536,500	6,990	37,478,000
Fresno	11,000	11,000	5,600	616,000	11,000	10,500	6,400	672,000
Kern	5,000	4,500	4,000	180,000	4,000	3,900	4,620	180,000
Kings	4,000	4,000	5,000	200,000	2,900	2,800	6,500	182,000
Madera	400	400	6,000	24,000	100	100	6,000	6,000
Merced	12,000	12,000	6,200	744,000	15,000	15,000	6,200	930,000
San Joaquin	8,000	8,000	6,000	480,000	7,700	7,600	6,000	456,000
Stanislaus	5,000	4,700	5,790	272,000	3,100	3,000	6,100	183,000
Tulare	5,400	5,200	5,100	265,000	1,700	1,600	5,810	93,000
	50,800	49,800	5,580	2,781,000	45,500	44,500	6,070	2,702,000
Placer	10,000	10,000	6,200	620,000	12,000	12,000	6,200	744,000
STATE	569,000	565,000	6,440	36,386,000	600,000	593,000	6,900	40,924,000

CALIFORNIA RICE: Acreage, yield, and production, by counties, 1982-83

County	1982				1983			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- Pounds -	- Cwt. -	- - - Acres - - -		- Pounds -	- Cwt. -
Butte	106,000	105,500	6,600	6,963,000	62,000	61,600	7,040	4,337,000
Colusa	120,000	119,500	7,100	8,485,000	78,300	77,800	7,140	5,555,000
Glenn	81,500	81,000	6,900	5,589,000	49,800	49,500	7,340	3,634,000
Sacramento	22,500	22,000	6,300	1,386,000	12,500	12,400	6,450	800,000
Sutter	91,500	91,000	6,900	6,279,000	57,000	56,700	7,330	4,157,000
Tehama	2,000	1,900	5,420	103,000	1,700	1,700	5,590	95,000
Yolo	36,500	36,000	6,210	2,235,000	19,200	19,100	6,620	1,264,000
Yuba	32,500	32,000	7,000	2,240,000	17,000	16,900	7,130	1,205,000
	492,500	488,900	6,810	33,280,000	297,500	295,700	7,120	21,047,000
Fresno	8,500	8,200	5,000	410,000	5,000	5,000	5,580	279,000
Kern	2,700	2,600	3,500	91,000	700	700	4,710	33,000
Kings	2,300	2,200	3,410	75,000	1,000	1,000	3,500	35,000
Madera	100	100	4,000	4,000	100	100	4,000	4,000
Merced	11,500	11,200	6,500	728,000	7,100	7,000	6,990	489,000
San Joaquin	6,400	6,200	6,400	397,000	6,300	6,300	6,680	421,000
Stanislaus	2,800	2,700	5,810	157,000	2,800	2,800	6,070	170,000
Tulare	3,500	3,400	4,000	136,000	2,000	2,000	5,050	101,000
	37,800	36,600	5,460	1,998,000	25,000	24,900	6,150	1,532,000
Placer	9,700	9,500	6,000	570,000	7,500	7,400	6,890	510,000
STATE	540,000	535,000	6,700	35,848,000	330,000	328,000	7,040	23,089,000

CALIFORNIA COTTON: Acreage, yield, and production, by counties, 1980-81

County	1980					1981				
	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales
	Planted	Harvested	Planted	Harvested		Planted	Harvested	Planted	Harvested	
	- - - Acres - - -		- - - Pounds - - -		- Bales -	- - - Acres - - -		- - -Pounds - - -		- Bales -
Fresno	433,000	430,000	1,047	1,054	944,200	444,000	443,000	1,206	1,209	1,115,800
Kern	420,000	418,000	955	960	835,700	392,000	390,000	1,144	1,150	934,200
Kings	281,000	280,000	848	851	496,600	309,000	307,000	985	991	633,900
Madera	54,000	54,000	772	772	86,900	48,000	47,000	942	962	94,200
Merced	66,000	65,000	902	916	124,000	62,000	61,000	1,046	1,063	135,100
Tulare	176,000	174,000	780	789	286,100	160,000	159,000	967	973	322,200
San Joaquin Vly. TOTALS	1,430,000	1,421,000	931	937	2,773,500	1,415,000	1,407,000	1,098	1,104	3,235,400
Imperial	86,000	86,000	1,424	1,424	255,100	87,000	86,000	1,112	1,125	201,500
Riverside	31,000	30,500	1,173	1,192	75,800	35,000	34,500	1,266	1,284	92,300
Southern Ca. TOTALS	117,000	116,500	1,357	1,363	330,900	122,000	120,500	1,156	1,170	293,800
Other a/	3,000	2,500	736	883	4,600	3,000	2,500	928	1,114	5,800
STATE TOTALS*	1,550,000	1,540,000	963	969	3,109,000	1,540,000	1,530,000	1,102	1,109	3,535,000



CALIFORNIA COTTON: Acreage, yield, and production, by counties, 1982-83

County	1982					1983				
	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales
	Planted	Harvested	Planted	Harvested		Planted	Harvested	Planted	Harvested	
	- - - Acres - - -		- - - Pounds - - -		- Bales -	- - - Acres - - -		- - -Pounds - - -		- Bales -
Fresno	415,000	414,000	1,213	1,216	1,049,100	290,000	288,000	996	1,003	602,000
Kern	362,000	360,000	1,064	1,070	802,400	246,000	244,000	1,010	1,018	517,500
Kings	280,000	278,000	1,013	1,020	590,800	212,000	210,000	1,008	1,018	445,400
Madera	46,000	45,000	887	907	85,000	29,000	28,000	793	821	47,900
Merced	51,000	50,000	860	877	91,400	36,000	35,000	796	819	59,700
Tulare	143,000	142,000	884	890	263,400	99,000	98,000	876	885	180,700
San Joaquin Vly. TOTALS	1,297,000	1,289,000	1,067	1,073	2,882,100	912,000	903,000	975	985	1,853,200
Imperial	51,000	50,000	1,062	1,083	112,800	28,000	27,500	1,234	1,257	72,000
Riverside	30,000	29,500	1,208	1,228	75,500	19,500	19,000	1,100	1,129	44,700
Southern Ca. TOTALS	81,000	79,500	1,116	1,137	188,300	47,500	46,500	1,179	1,205	116,700
Other a/	2,000	1,500	624	832	2,600	500	500	1,045	1,056	1,100
STATE TOTALS*	1,380,000	1,370,000	1,069	1,077	3,073,000	960,000	950,000	986	996	1,971,000

a/ San Benito, San Bernardino

* The above totals do not include American Pima cotton.

CALIFORNIA DRY BEANS: Acreage, yield, and production, by counties, 1980-81

County	1980				1981			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- Pounds -	- Cwt. -	- - - Acres - - -		- Pounds -	- Cwt. -
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	8,100	8,100	2,095	169,700	7,700	7,600	2,210	167,600
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	4,900	4,900	1,133	55,500	3,800	3,600	840	30,400
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	13,000	13,000	1,732	225,200	11,500	11,200	1,770	198,000
Butte	6,500	6,500	1,942	126,200	6,500	6,000	1,770	106,200
Colusa	11,600	11,600	1,702	197,400	14,000	13,300	1,700	226,200
Glenn	10,600	10,600	1,618	171,500	10,000	9,100	1,650	150,000
Sacramento	1,500	1,500	1,767	26,500	1,500	1,300	1,690	22,000
Solano	13,600	13,600	1,557	211,700	16,400	15,700	1,760	277,000
Sutter	25,300	25,300	1,739	440,000	25,500	24,500	1,880	460,600
Tehama	1,700	1,700	1,906	32,400	2,000	1,800	1,780	32,000
Yolo	4,600	4,600	1,687	77,600	8,000	7,500	1,670	125,000
Yuba	1,100	1,100	1,800	19,800	1,800	1,500	2,000	30,000
	76,500	76,500	1,703	1,303,100	85,700	80,700	1,770	1,429,000
Fresno	10,800	10,800	1,623	175,300	12,000	11,500	1,660	190,900
Kern	5,700	5,700	1,528	87,100	8,500	8,100	1,990	161,200
Kings	1,000	1,000	1,540	15,400	2,200	2,000	1,600	32,000
Madera	5,000	5,000	1,680	84,000	7,000	6,600	1,830	120,800
Merced	9,500	9,500	1,907	181,200	10,200	9,400	1,810	170,500
San Joaquin	28,900	28,900	1,880	543,300	30,700	29,200	1,920	560,500
Stanislaus	32,500	32,500	2,155	700,300	37,000	35,700	1,950	695,800
Tulare	11,700	11,700	1,679	196,500	12,000	11,600	1,800	208,800
	105,100	105,100	1,887	1,983,100	119,600	114,100	1,880	2,140,500
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	1,100	1,100	1,300	14,300
Riverside	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	10,200	10,200	1,573	160,400	9,500	9,300	1,940	180,500
Ventura	5,000	5,000	1,748	87,400	6,000	6,000	1,950	116,700
	15,200	15,200	1,630	247,800	16,600	16,400	1,900	311,500
Other Counties[a]	3,200	3,200	1,681	53,800	1,600	1,600	1,630	26,000
STATE	213,000	213,000	1,790	3,813,000	235,000	224,000	1,833	4,105,000

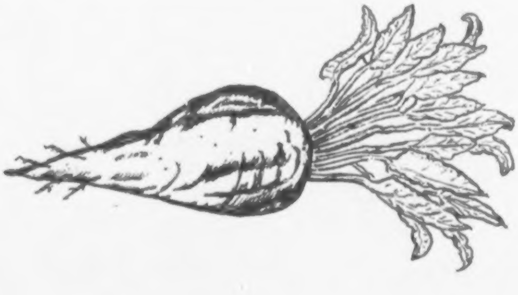
CALIFORNIA DRY BEANS: Acreage, yield, and production, by counties, 1982-83

County	1982				1983			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		- Pounds -	- Cwt. -	- - - Acres - - -		- Pounds -	- Cwt. -
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	6,600	5,900	2,240	132,000	3,100	2,900	1,970	57,000
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	4,000	3,600	810	29,300	3,000	2,800	710	20,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	10,600	9,500	1,700	161,300	6,100	5,700	1,350	77,000
Butte	3,000	2,600	1,880	48,800	1,300	1,300	1,120	14,500
Colusa	14,500	12,700	1,800	228,600	6,900	6,800	1,710	116,500
Glenn	8,300	7,500	1,620	121,500	700	700	1,860	13,000
Sacramento	600	500	1,640	8,200	---	---	---	---
Solano	12,000	10,500	1,700	178,500	3,600	3,500	2,000	70,000
Sutter	24,200	22,800	1,720	392,200	14,100	14,000	1,870	262,000
Tehama	1,200	900	1,070	9,600	500	500	1,700	8,500
Yolo	7,000	6,000	1,760	105,600	3,900	3,800	1,470	56,000
Yuba	1,300	1,100	1,450	16,000	---	---	---	---
	72,100	64,600	1,720	1,109,000	31,000	30,600	1,770	540,500
Fresno	14,000	12,200	1,530	186,700	10,500	10,400	1,780	185,500
Kern	11,500	10,000	1,920	192,000	6,500	6,400	2,070	132,500
Kings	1,300	1,000	1,800	18,000	1,800	1,800	2,060	37,000
Madera	8,500	7,000	2,260	158,200	1,500	1,400	1,610	22,500
Merced	9,200	8,000	1,980	158,400	8,300	8,200	1,730	141,500
San Joaquin	38,500	34,000	1,600	544,000	21,500	21,100	1,600	336,900
Stanislaus	38,500	34,000	1,760	598,400	29,200	28,900	1,890	546,000
Tulare	15,500	13,700	1,630	223,300	9,600	9,400	1,710	160,500
	137,000	119,900	1,730	2,079,000	88,900	87,600	1,780	1,562,400
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	1,500	1,300	1,580	20,500	---	---	---	---
Riverside	1,000	900	1,000	9,000	700	700	2,000	14,000
San Bernardino	600	500	2,400	12,000	500	400	2,000	8,000
San Diego	---	---	---	---	---	---	---	----
Santa Barbara	11,500	10,000	1,410	140,700	9,800	9,300	1,240	115,500
Ventura	3,300	3,000	1,670	50,000	3,200	3,000	900	27,000
	17,900	15,700	1,480	232,200	14,200	13,400	1,230	164,500
Other Counties[a/]	400	300	1,170	3,500	800	700	1,800	12,600
STATE	238,000	210,000	1,707	3,585,000	141,000	138,000	1,708	2,357,000

[a/] Includes those counties which normally have less than 500 acres planted in district.

CALIFORNIA SUGAR BEETS: Acreage, yield, and production, by counties, 1980-81

County	1980					1981				
	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose
	- - Acres - -		- - Tons - -			- - Acres - -		- - Tons - -		
Alameda	---	---	---	---	---	---	---	---	---	---
Contra Costa	2,500	2,400	25.0	60,000	15.27	3,200	3,100	27.4	85,000	15.51
Lake	---	---	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---	---	---
Monterey	11,700	11,400	32.9	375,000	14.73	16,900	16,700	37.2	622,000	14.47
Napa	---	---	---	---	---	---	---	---	---	---
San Benito	5,000	4,900	23.1	113,000	15.53	4,500	4,400	29.1	128,000	15.46
San Francisco	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	1,600	1,600	20.0	32,000	15.68	1,600	1,500	21.3	32,000	14.72
San Mateo	---	---	---	---	---	---	---	---	---	---
Santa Clara	2,500	2,400	29.6	71,000	15.41	3,300	3,300	39.1	129,000	14.67
Santa Cruz	---	---	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---	---	---
	23,300	22,700	28.7	651,000	15.04	29,500	29,000	34.3	996,000	14.72
Butte	3,200	3,100	22.9	71,000	13.93	2,800	2,700	23.0	62,000	13.58
Colusa	7,100	7,100	24.1	171,000	15.36	7,300	7,100	24.6	175,000	15.13
Glenn	6,400	6,300	19.4	122,000	14.09	6,900	6,400	22.5	144,000	14.06
Sacramento	4,200	4,100	21.5	88,000	15.31	4,300	4,300	27.9	120,000	14.73
Solano	19,000	18,700	28.4	531,000	16.21	25,800	25,400	26.2	665,000	15.64
Sutter	6,200	5,800	21.0	122,000	15.96	4,500	4,500	23.3	105,000	15.30
Tehama	---	---	---	---	---	---	---	---	---	---
Yolo	15,300	15,200	16.6	253,000	15.28	23,200	21,600	24.3	525,000	15.14
Yuba	---	---	---	---	---	---	---	---	---	---
	61,400	60,300	22.5	1,358,00	15.54	74,800	72,000	24.9	1,796,000	15.17
Fresno	22,800	22,500	29.2	657,000	14.35	23,500	23,500	29.5	693,000	14.53
Kern	18,800	18,100	26.7	483,000	13.71	18,900	18,700	26.1	488,000	14.06
Kings	1,200	1,000	21.0	21,000	14.18	1,600	1,600	31.3	50,000	14.26
Madera	6,000	5,900	23.2	137,000	13.52	6,800	6,700	25.4	170,000	12.63
Merced	20,100	20,000	25.6	511,000	15.89	20,100	20,100	26.6	535,000	15.73
San Joaquin	26,200	25,600	25.9	663,000	15.73	30,700	29,800	28.1	836,000	15.28
Stanislaus	3,800	3,600	24.7	89,000	14.61	4,400	4,200	26.4	111,000	13.95
Tulare	7,500	7,200	28.3	204,000	13.56	6,900	6,900	35.8	247,000	13.34
	106,400	103,900	26.6	2,765,000	14.76	112,900	111,500	28.1	3,130,000	14.64
Alpine	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---
Imperial	34,800	34,300	27.0	926,000	17.10	40,000	39,800	28.4	1,130,000	15.92
Los Angeles	3,100	3,100	25.5	79,000	15.76	1,900	1,900	22.6	43,000	15.70
Orange	---	---	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---	---	---
Santa Barbara	2,000	1,900	23.2	44,000	15.10	2,900	2,900	27.6	80,000	14.60
Ventura	---	---	---	---	---	---	---	---	---	---
	39,900	39,300	26.7	1,049,000	16.92	44,800	44,600	28.1	1,253,000	15.83
Other Counties a/	3,000	2,800	22.1	62,000	15.04	3,000	2,900	27.2	79,000	14.55
STATE	234,000	229,000	25.7	5,885,000	15.36	265,000	260,000	27.9	7,254,000	14.99



CALIFORNIA SUGAR BEETS: Acreage, yield, and production, by counties, 1982-83

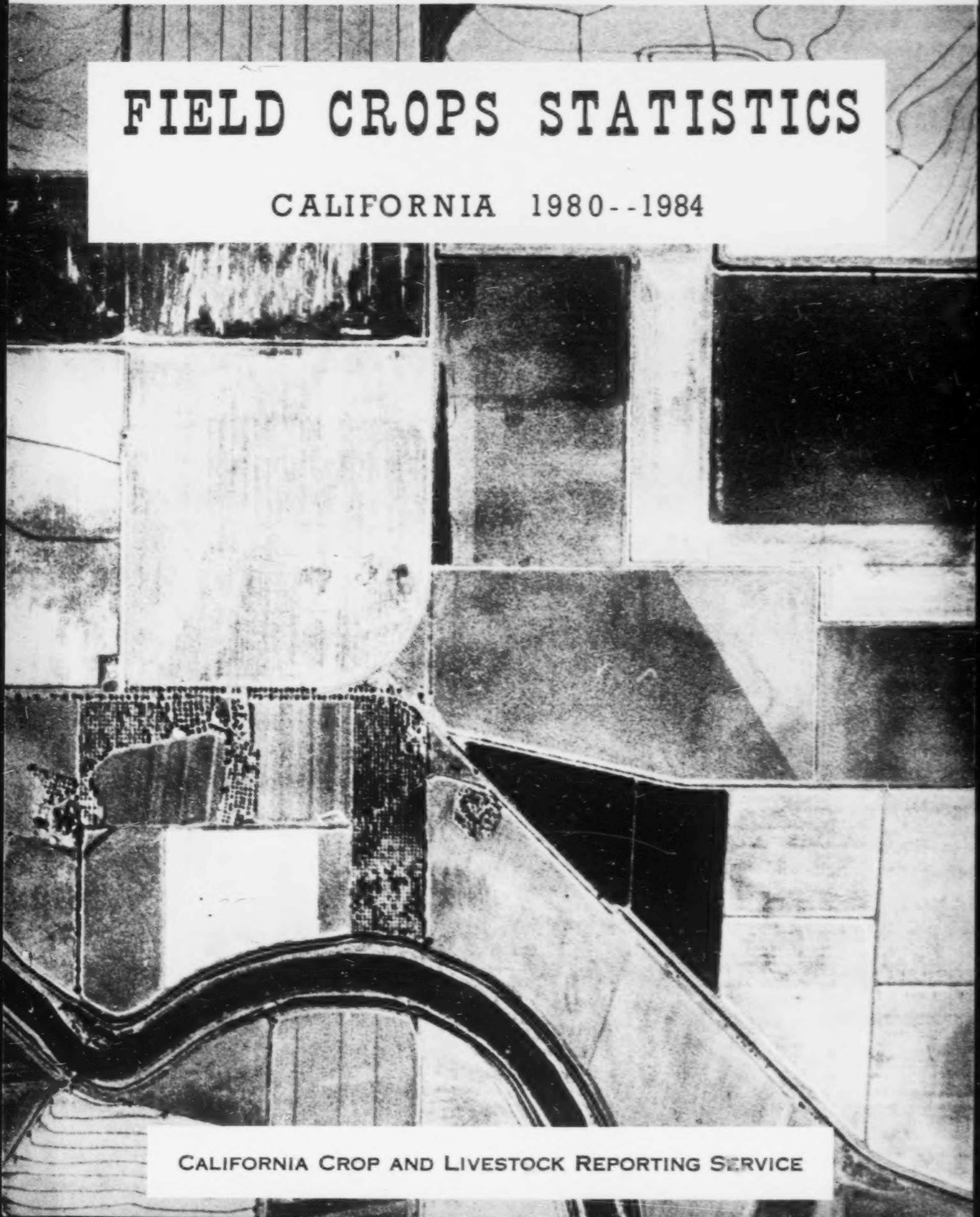
County	1982					1983				
	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose
	- - Acres - -		- - Tons - -			- - Acres - -		- - Tons - -		
Alameda	---	---	---	---	---	---	---	---	---	---
Contra Costa	1,600	1,200	20.8	25,000	15.47	1,100	1,000	20.0	20,000	15.32
Lake	---	---	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---	---	---
Monterey	3,100	3,100	32.3	100,000	13.77	2,100	2,000	33.0	66,000	12.92
Napa	---	---	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---	---	---
	4,700	4,300	29.1	125,000	14.11	3,200	3,000	28.7	86,000	13.48
Butte	2,200	1,900	17.9	34,000	13.79	1,800	1,700	17.1	29,000	14.54
Colusa	4,800	4,600	21.1	97,000	15.09	5,700	5,600	22.0	123,000	15.24
Glenn	5,300	4,800	23.3	112,000	13.64	5,000	4,800	20.0	96,000	14.02
Sacramento	2,500	1,800	21.1	38,000	15.62	2,000	1,800	21.7	39,000	15.55
Solano	17,000	16,300	20.3	331,000	16.69	22,000	21,200	24.7	523,000	15.16
Sutter	2,700	2,300	23.0	53,000	14.63	4,100	3,900	22.1	86,000	14.65
Tehama	1,400	1,200	25.8	31,000	14.40	1,700	1,500	28.0	42,000	15.10
Yolo	10,400	9,100	21.0	191,000	14.59	7,500	7,300	20.0	146,000	14.65
Yuba	---	---	---	---	---	---	---	---	---	---
	46,300	42,000	21.1	887,000	15.32	49,800	47,800	22.7	1,084,000	14.95
Fresno	17,900	17,900	29.3	525,000	14.29	16,000	15,800	26.6	420,000	14.52
Kern	11,300	11,100	25.6	284,000	13.70	10,200	10,000	25.0	250,000	12.60
Kings	1,300	1,300	22.3	29,000	14.62	2,500	2,500	21.6	54,000	14.29
Madera	3,300	3,300	24.5	81,000	12.72	2,300	2,300	17.8	41,000	12.78
Merced	20,600	20,200	22.4	453,000	15.35	19,500	19,100	23.0	440,000	15.07
San Joaquin	20,000	19,000	25.1	476,000	14.62	25,000	24,500	24.0	588,000	15.09
Stanislaus	1,700	1,300	21.5	28,000	14.98	1,800	1,700	18.8	32,000	15.13
Tulare	5,100	5,100	26.9	137,000	12.30	2,500	2,500	25.2	63,000	12.79
	81,200	79,200	25.4	2,013,000	14.34	79,800	78,400	24.1	1,888,000	14.48
Alpine	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---
Imperial	33,500	33,200	22.4	743,000	16.09	37,300	36,500	22.5	821,000	16.45
Los Angeles	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---	---	---
Santa Barbara	1,000	1,000	20.0	20,000	14.23	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---	---	---
	34,500	34,200	22.3	763,000	16.04	37,300	36,500	22.5	821,000	16.45
Other Counties a/	2,300	2,300	27.8	64,000	14.20	3,900	3,300	23.0	76,000	13.26
STATE	169,000	162,000	23.8	3,852,000	14.89	174,000	169,000	23.4	3,955,000	14.97

a/ Includes those counties which normally have less than 1,000 acres planted.

SD850-1.7-11

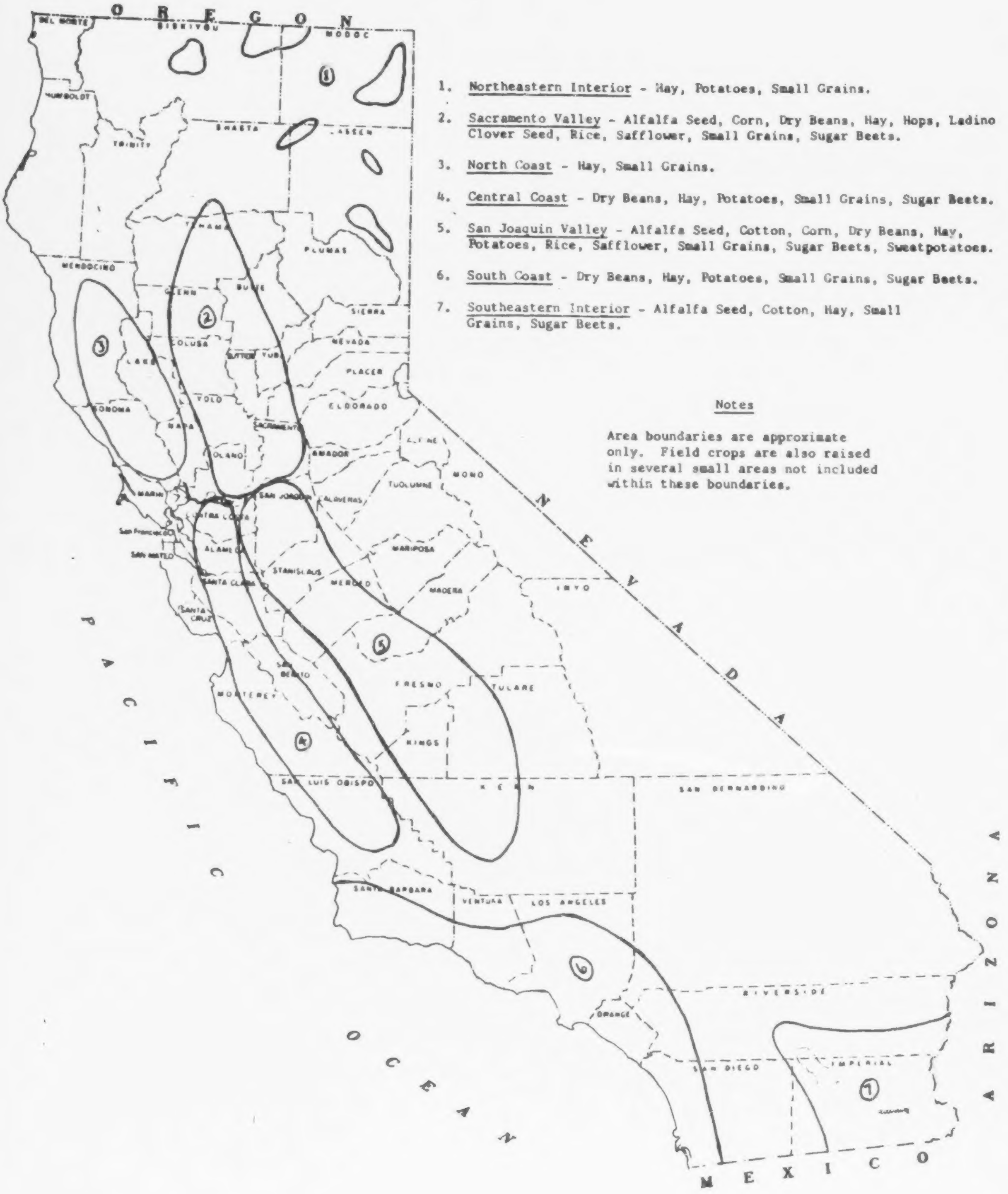
FIELD CROPS STATISTICS

CALIFORNIA 1980--1984



California Crop and Livestock Reporting Service

CALIFORNIA'S MAJOR FIELD CROP AREAS
And Important Field Crops of Each Area


OREGON
DEL NORTE
SISKIYOU
MODOC
①
HUMBOLDT
SHASTA
LASSEN
TRINITY
TEHAMA
PLUMAS
MENDOCINO
GLENN
BUTTE
SIERRA
②
③
COLUSA
NEVADA
LAKE
SUTTER
YUBA
PLACER
YOLO
SONOMA
EL DORADO
NAPA
SACRAMENTO
SOLANO
AMADOR
ALPINE
MONO
MARIN
SAN JOAQUIN
CALAVERAS
TUOLUMNE
CONTRA COSTA
San Francisco
San Mateo
ALAMEDA
MARIPOSA
STANISLAUS
SANTA CLARA
MERCED
MADERA
INYO
SANTA CRUZ
⑤
SAN BENITO
FRESNO
TULARE
MONTEREY
④
KINGS
SAN LUIS OBISPO
KERN
SAN BERNARDINO
SANTA BARBARA
VENTURA
LOS ANGELES
⑥
RIVERSIDE
ORANGE
SAN DIEGO
IMPERIAL
⑦
NEVADA
ARIZONA
MEXICO
PACIFIC
OCEAN

1. Northeastern Interior - Hay, Potatoes, Small Grains.
2. Sacramento Valley - Alfalfa Seed, Corn, Dry Beans, Hay, Hops, Ladino Clover Seed, Rice, Safflower, Small Grains, Sugar Beets.
3. North Coast - Hay, Small Grains.
4. Central Coast - Dry Beans, Hay, Potatoes, Small Grains, Sugar Beets.
5. San Joaquin Valley - Alfalfa Seed, Cotton, Corn, Dry Beans, Hay, Potatoes, Rice, Safflower, Small Grains, Sugar Beets, Sweetpotatoes.
6. South Coast - Dry Beans, Hay, Potatoes, Small Grains, Sugar Beets.
7. Southeastern Interior - Alfalfa Seed, Cotton, Hay, Small Grains, Sugar Beets.

Notes

Area boundaries are approximate only. Field crops are also raised in several small areas not included within these boundaries.

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FOREWORD

This bulletin brings together the basic statistical record for California field crops: grains, hay, cotton, sugar beets, and others in this class. Current reports for each of the series are available as separate releases.

The California Crop and Livestock Reporting Service is the California unit of the Statistical Reporting Service, United States Department of Agriculture and, under a cooperative agreement, serves as the Agricultural Statistics Branch of the California Department of Food and Agriculture. All services are correlated with the National program to provide uniform statistical records of the Nation's agriculture. As part of the California Department of Food and Agriculture, this office develops additional data and necessary statistical records pertaining to California agriculture. This cooperative arrangement eliminates duplication of effort and makes possible a more thorough coverage of this field of work.

Acknowledgement is due a large number of people and concerns to whom we are indebted for cooperation in developing these agricultural records. Special credit in this respect is due the many loyal, voluntary crop reporters from all parts of the State, who generously give their time in reporting to the Service. Recognition is also due our telephone and field enumerators whose continued hard work and broad knowledge of the State's agriculture are invaluable. Statisticians presently responsible for much of the data in this bulletin are Joe Seibert, Sammye Crawford, Alan Longshore, Dale Hawks, and Ann Roberts, Statistical Assistant.

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FIELD CROPS

SEPTEMBER 1985

(916) 445-6082

ALL FIELD CROPS: Combined acreage, production, and value, California, 1950-84 a/

Year	Acreage Harvested	Production		Value of Production
	Acres	Tons	Metric Tons	Dollars
1950	6,394,500	15,491,400	14,053,600	683,343,000
1951	6,451,400	13,467,000	12,217,100	893,288,000
1952	6,826,500	14,425,100	13,086,200	945,355,000
1953	6,922,500	15,450,200	14,016,200	777,349,000
1954	6,921,100	17,406,900	15,791,300	796,611,000
1955	6,688,800	17,010,800	15,431,900	740,384,000
1956	6,702,100	17,264,100	15,661,700	832,400,000
1957	6,630,000	19,118,900	17,344,400	801,327,000
1958	6,557,400	17,891,600	16,231,000	803,630,000
1959	6,551,200	20,105,300	18,239,200	924,764,000
1960	6,531,000	19,196,400	17,414,700	900,107,000
1961	6,318,900	19,570,500	17,754,100	850,773,000
1962	6,167,900	20,197,200	18,322,600	932,042,000
1963	6,166,100	21,904,200	19,871,200	951,434,000
1964	6,146,800	23,656,700	21,461,000	996,443,000
1965	6,201,800	22,748,500	20,637,100	978,411,000
1966	6,101,000	20,994,000	19,045,400	884,544,000
1967	6,263,000	20,599,000	18,687,100	859,534,000
1968	6,142,000	22,875,000	20,751,900	931,420,000
1969	5,865,000	22,008,000	19,965,300	859,461,000
1970	6,076,000	24,701,000	22,408,400	982,575,000
1971	6,133,000	25,456,000	23,093,300	1,015,078,000
1972	5,923,000	26,864,000	24,370,600	1,236,180,000
1973	6,104,000	24,853,000	22,546,300	1,954,443,000
1974	6,482,000	24,986,000	22,666,900	2,632,176,000
1975	6,602,000	28,566,000	25,914,600	2,374,207,000
1976	6,548,000	28,929,000	26,243,900	2,622,884,000
1977	6,284,000	25,115,000	22,783,900	2,281,075,000
1978	6,537,000	22,061,000	20,013,400	2,111,150,000
1979 b/	6,693,500	26,226,000	23,791,900	3,288,164,000
1980 b/	6,876,500	27,699,300	25,128,400	4,075,845,000
1981 b/	7,025,000	30,342,200	27,526,000	3,597,517,000
1982 b/	6,378,900	26,064,200	23,645,100	3,170,884,000
1983 b/	4,970,500	21,901,300	19,868,500	2,662,929,000
1984 c/	5,929,500	26,133,700	23,708,100	3,121,798,000

a/ Includes safflower since 1950. Excludes flaxseed after 1971 and ladino clover seed after 1981.
b/ Revised.
c/ Preliminary.

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1980-84

Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Wheat (Excl. Durum)	1980	1,050.0	2.22	2,331.0	Tons	141.00	328,671
	1981	1,180.0	2.31	2,725.8	Tons	138.33	377,069
	1982	950.0	2.07	1,966.5	Tons	125.33	246,468
	1983	610.0	1.98	1,207.8	Tons	133.00	160,637
	1984	690.0	2.28	1,573.2	Tons	118.33	186,162
Wheat, Durum	1980	100.0	2.34	234.0	Tons	155.00	36,270
	1981	165.0	2.67	440.6	Tons	161.65	71,222
	1982	125.0	2.79	348.8	Tons	125.00	43,594
	1983	70.0	2.70	189.0	Tons	144.33	27,279
	1984	94.0	3.00	282.0	Tons	131.67	37,130
Barley	1980	712.0	1.49	1,059.5	Tons	134.16	142,144
	1981	640.0	1.51	967.7	Tons	126.67	122,573
	1982	620.0	1.49	922.6	Tons	117.08	108,016
	1983	490.0	1.44	705.6	Tons	130.00	91,728
	1984	460.0	1.51	695.5	Tons	122.92	85,491
Oats	1980	70.0	.99	69.4	Tons	153.21	10,633
	1981	60.0	1.04	62.4	Tons	160.00	9,984
	1982	50.0	1.07	53.6	Tons	139.38	7,471
	1983	45.0	1.04	46.8	Tons	130.63	6,113
	1984	50.0	1.10	55.2	Tons	137.50	7,590
Corn for Grain	1980	270.0	3.78	1,020.6	Tons	144.64	147,623
	1981	275.0	3.64	1,001.0	Tons	119.64	119,763
	1982	330.0	3.64	1,201.2	Tons	122.14	146,718
	1983	260.0	3.58	931.8	Tons	144.65	134,784
	1984	375.0	3.81	1,428.0	Tons	119.64	170,850
Corn for Silage	1980	178.0	21.00	3,738.0	Tons	—	a/
	1981	193.0	20.50	3,957.0	Tons	—	a/
	1982	213.0	21.50	4,580.0	Tons	—	a/
	1983	175.0	21.00	3,675.0	Tons	—	a/
	1984	190.0	21.00	3,990.0	Tons	—	a/
Corn for Forage	1980	2.0	—	a/	—	—	—
	1981	2.0	—	a/	—	—	—
	1982	7.0	—	a/	—	—	—
	1983	5.0	—	a/	—	—	—
	1984	5.0	—	a/	—	—	—
Sorghum for Grain	1980	152.0	2.04	310.7	Tons	127.50	39,613
	1981	92.0	2.07	190.6	Tons	99.65	18,994
	1982	70.0	2.16	150.9	Tons	96.44	14,553
	1983	45.0	2.27	102.1	Tons	125.40	12,798
	1984	48.0	2.30	110.2	Tons	106.00	11,682
Sorghum for Silage	1980	8.0	19.00	152.0	Tons	—	a/
	1981	5.0	19.00	95.0	Tons	—	a/
	1982	4.0	20.00	80.0	Tons	—	a/
	1983	3.0	20.00	60.0	Tons	—	a/
	1984	4.0	20.00	80.0	Tons	—	a/

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1980-84 (Continued)

Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Sorghum for Forage	1980	4.0	—	a/	—	—	—
	1981	2.0	—	a/	—	—	—
	1982	4.0	—	a/	—	—	—
	1983	1.0	—	a/	—	—	—
	1984	3.0	—	a/	—	—	—
Rice, All	1980	565.0	64.40	36,386.0	Cwt.	14.10	513,043
	1981	593.0	69.00	40,924.0	Cwt.	7.35	300,791
	1982	535.0	67.00	35,848.0	Cwt.	6.65	238,389
	1983	328.0	70.40	23,089.0	Cwt.	6.96	160,699
	1984	430.0	70.40	30,283.0	Cwt.	—	b/
Rice, Long	1980	0	0	0	Cwt.	—	a/
	1981	0	0	0	Cwt.	—	a/
	1982	14.0	59.00	826.0	Cwt.	—	a/
	1983	22.0	59.50	1,309.0	Cwt.	—	a/
	1984	59.0	63.00	3,717.0	Cwt.	—	a/
Rice, Medium	1980	452.0	65.50	29,606.0	Cwt.	—	a/
	1981	458.0	68.50	31,373.0	Cwt.	—	a/
	1982	406.0	67.00	27,202.0	Cwt.	—	a/
	1983	199.0	71.00	14,129.0	Cwt.	—	a/
	1984	281.0	71.00	19,951.0	Cwt.	—	a/
Rice, Short	1980	113.0	60.00	6,780.0	Cwt.	—	a/
	1981	135.0	70.75	9,551.0	Cwt.	—	a/
	1982	115.0	68.00	7,820.0	Cwt.	—	a/
	1983	107.0	71.50	7,651.0	Cwt.	—	a/
	1984	90.0	73.50	6,615.0	Cwt.	—	a/
Cotton, Upland c/	1980	1,540.0	969.00	3,109.0	Bales	77.80	1,161,025
	1981	1,530.0	1,109.00	3,535.0	Bales	63.60	1,079,165
	1982	1,370.0	1,077.00	3,073.0	Bales	66.90	986,802
	1983	950.0	996.00	1,971.0	Bales	72.80	688,746
	1984	1,400.0	999.00	2,913.0	Bales	65.80	920,042
Cottonseed	1980	—	—	1,270.0	Tons	143.00	181,610
	1981	—	—	1,445.0	Tons	91.00	131,495
	1982	—	—	1,261.0	Tons	90.50	114,121
	1983	—	—	789.0	Tons	169.00	133.341
	1984	—	—	1,211.0	Tons	119.00	144,109
Dry Beans	1980	213.0	17.90	3,813.0	Cwt.	32.70	124,685
	1981	224.0	18.33	4,105.0	Cwt.	28.70	117,814
	1982	210.0	17.07	3,585.0	Cwt.	23.30	83,531
	1983	143.0	16.87	2,412.0	Cwt.	32.50	78,390
	1984	184.0	16.84	3,099.0	Cwt.	29.20	90,491
Potatoes, Irish	1980	50.5	370.00	18,692.0	Cwt.	9.00	168,901
	1981	56.3	374.00	21,071.0	Cwt.	10.40	217,402
	1982	56.2	376.00	21,145.0	Cwt.	8.90	186,546
	1983	56.2	355.00	19,949.0	Cwt.	9.20	183,231
	1984	60.4	377.00	22,767.0	Cwt.	10.70	241,683

FIELD CROPS: Acreage, yield, production and value, by commodity, California, 1980-84 (Continued)

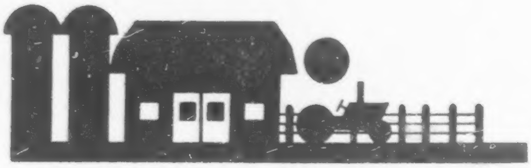
Crop	Year	Acreage Harvested	Yield Per Acre	Production	Unit	Average Price	Value of Production
		(000)		(000)			(000 Dollars)
Sweetpotatoes	1980	8.4	180.00	1,512.0	Cwt.	19.20	29,030
	1981	8.9	185.00	1,647.0	Cwt.	15.70	25,858
	1982	9.2	190.00	1,748.0	Cwt.	11.00	19,228
	1983	8.8	195.00	1,716.0	Cwt.	13.60	23,338
	1984	8.0	180.00	1,440.0	Cwt.	14.00	20,160
Safflower	1980	87.0	1.20	104.0	Tons	280.00	29,120
	1981	72.0	1.22	88.0	Tons	360.00	31,680
	1982	98.0	1.12	110.0	Tons	298.00	32,780
	1983	69.0	.77	53.0	Tons	252.00	13,356
	1984	109.0	1.01	110.0	Tons	258.00	28,380
Sugar Beets d/	1980	229.0	25.70	5,885.0	Tons	51.20	301,312
	1981	260.0	27.90	7,254.0	Tons	32.00	232,128
	1982	162.0	23.80	3,852.0	Tons	33.00	127,116
	1983	169.0	23.30	3,938.0	Tons	40.20	158,308
	1984	208.0	24.70	5,138.0	Tons	—	b/
Hay, All	1980	1,550.0	4.99	7,736.0	Tons	95.00	734,920
	1981	1,565.0	5.02	7,851.0	Tons	76.00	596,676
	1982	1,470.0	5.21	7,656.0	Tons	86.50	662,244
	1983	1,480.0	4.97	7,352.0	Tons	90.50	665,356
	1984	1,530.0	5.13	7,854.0	Tons	83.00	651,882
Hay, Alfalfa	1980	1,030.0	6.40	6,592.0	Tons	—	a/
	1981	1,050.0	6.30	6,615.0	Tons	—	a/
	1982	960.0	6.70	6,432.0	Tons	—	a/
	1983	950.0	6.40	6,080.0	Tons	—	a/
	1984	1,020.0	6.50	6,630.0	Tons	—	a/
Hay, Other	1980	520.0	2.20	1,144.0	Tons	—	a/
	1981	515.0	2.40	1,236.0	Tons	—	a/
	1982	510.0	2.40	1,224.0	Tons	—	a/
	1983	530.0	2.40	1,272.0	Tons	—	a/
	1984	510.0	2.40	1,224.0	Tons	—	a/
Alfalfa Seed e/	1980	78.0	520.00	40,560.0	Lbs.	125.00	50,700
	1981	94.0	580.00	54,520.0	Lbs.	114.00	62,153
	1982 b/	—	—	—	—	—	—
	1983	62.0	630.00	39,060.0	Lbs.	106.00	41,404
	1984	81.0	685.00	55,485.0	Lbs.	106.00	58,814
Ladino Clover Seed e/	1980	8.4	345.00	2,898.0	Lbs.	1.36	3,941
	1981	6.6	325.00	2,145.0	Lbs.	1.54	3,303
	1982 f/	—	—	—	—	—	—
	1983	—	—	—	—	—	—
	1984	—	—	—	—	—	—
Hops	1980	1.2	1,640.00	1,968	Lbs.	1.39	2,736
	1981	1.2	1,400.00	1,680	Lbs.	1.52	2,554
	1982	.5	1,700.00	850	Lbs.	2.42	2,057
	1983	.5	1,370.00	685	Lbs.	2.15	1,473
	1984	.1	2,000.00	200	Lbs.	2.58	516

a/ Not estimated.
b/ Not available.
c/ Cotton: Yield reported in pounds per acre, production — 480 lbs. net per bale, average price report in cents per pound. Excludes American-Pima.
d/ Relates to year of harvest. Includes some acreage carried over and harvested the following spring.
e/ Production is on a clean basis.
f/ Estimate discontinued.

CONVERSION TABLE

Crop	Domestic Unit	For Conversion To:			
		Short Ton a/		Metric Ton b/	
		x	÷	x	÷
Barley	bu. (48 lb.)	.024	41.6667	.02177243	45.9296
Corn	bu. (56 lb.)	.028	35.71429	.02540117	39.368
Oats	bu. (32 lb.)	.016	62.5	.01451496	68.8944
Rice	cwt. (100 lb.)	.05	20.0	.04535924	22.04622
Sorghum	bu. (56 lb.)	.028	35.71429	.02540117	39.368
Wheat	bu. (60 lb.)	.030	33.3333	.02721554	36.7437
Cotton	bales (480 lb.)	.240	4.1667	.21772460	4.59296
Dry Beans	cwt. (100 lb.)	.05	20.0	.04535929	22.04622
Hay	ton (short ton)	1.0	1.0	.90718474	1.10231
Hops	lb.	.0005	2000.0	.00045359	2204.622
Sugar Beets	ton (short ton)	1.0	1.0	.90718474	1.10231

a/ Short ton = 2,000 pounds.
b/ Metric ton = 2,204.622 pounds.



Monthly and Season Average Prices Received by Farmers, California, 1980-84

Crop Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Season Average
BARLEY (Dollars per Cwt.)													
1980	5.87	6.04	6.25	5.90	5.42	5.81	6.33	6.56	6.81	7.46	7.04	7.79	6.71
1981	7.56	7.62	7.65	6.58	6.46	6.44	6.23	6.52	6.48	6.60	6.58	6.46	6.33
1982	6.37	6.25	6.00	6.06	5.92	5.96	5.85	5.37	5.33	5.29	5.77	5.77	5.85
1983	5.67	5.73	6.06	5.98	6.12	6.06	6.08	6.37	6.73	7.00	7.02	7.02	6.50
1984	6.87	7.29	7.33	6.42	6.56	6.71	6.69	5.52	5.08	5.49	5.46	5.58	6.15
ALL WHEAT (Dollars per Cwt.)													
1980	7.05	6.93	6.58	6.37	6.37	6.25	6.90	8.15	7.80	7.88	7.87	7.78	7.12
1981	7.67	6.83	7.12	7.17	7.40	7.20	7.48	6.68	6.87	7.20	7.12	6.95	7.08
1982	7.07	6.67	6.57	6.27	6.05	6.05	6.13	6.25	6.47	6.33	6.80	6.87	6.27
1983	6.97	6.90	6.70	6.63	6.42	6.60	6.43	7.03	7.05	7.02	7.12	7.18	6.73
1984	7.27	7.15	6.75	6.75	6.33	6.45	5.93	6.05	6.00	6.38	6.47	6.18	6.02
OATS (Dollars per Cwt.)													
1980	5.34	5.25	5.78	5.50	—	6.72	—	6.56	8.09	7.19	8.44	10.00	7.66
1981	—	—	—	—	—	—	—	7.41	8.47	—	—	—	8.00
1982	—	—	—	—	—	—	7.91	—	—	6.84	6.81	—	6.97
1983	6.69	6.63	6.25	6.25	5.69	6.34	—	—	6.28	6.38	7.31	—	6.53
1984	7.00	7.69	6.56	6.34	6.59	6.59	7.94	5.97	6.19	5.81	6.50	7.19	6.88
SORGHUM GRAIN (Dollars per Cwt.)													
1980	4.95	4.90	—	—	—	6.60	—	—	6.25	6.40	6.38	—	6.37
1981	—	—	—	6.50	—	—	—	—	5.15	5.05	4.91	4.85	4.99
1982	5.20	—	5.25	—	—	—	—	—	4.20	4.30	4.93	4.83	4.82
1983	4.74	5.38	5.99	5.70	6.00	5.69	—	—	6.04	6.29	6.25	6.74	6.27
1984	6.79	—	6.49	6.25	6.14	6.49	—	5.20	5.10	5.32	5.11	5.50	5.30
DRY EDIBLE BEANS a/ (Dollars per Cwt.)													
1980	27.80	27.50	28.50	28.30	27.10	28.30	29.70	30.20	30.50	30.50	29.70	29.50	32.70
1981	30.00	32.90	34.00	35.80	36.40	37.50	37.60	37.60	32.80	32.20	30.30	29.10	28.70
1982	27.40	27.60	27.20	26.20	27.10	29.00	28.00	26.40	23.40	22.90	22.10	22.10	23.30
1983	22.10	22.20	22.60	22.50	23.00	23.70	26.40	27.50	28.70	30.70	32.50	32.80	32.50
1984	32.70	31.80	31.50	31.10	37.20	35.20	34.10	32.20	32.40	28.70	29.70	28.00	29.20
COTTON LINT, UPLAND b/ (Cents per Pound)													
1980	71.8	73.0	70.4	69.2	68.2	69.9	72.1	74.9	76.8	75.7	80.4	84.5	77.8
1981	84.1	82.9	78.9	75.6	75.4	74.4	71.7	66.7	65.6	71.9	68.0	60.8	63.6
1982	58.7	60.7	60.9	58.5	60.2	63.3	67.9	61.0	62.5	63.9	65.9	64.1	66.9
1983	63.1	67.1	72.2	69.7	72.3	79.3	81.7	83.3	71.9	69.6	72.5	78.0	72.8
1984	76.4	73.3	78.1	72.4	76.7	70.3	63.6	49.6	62.9	67.7	67.7	64.9	65.8
COTTONSEED (Dollars per Ton)													
1980	118.00	122.00	—	—	—	—	—	—	—	125.00	149.00	153.00	143.00
1981	150.00	123.00	—	—	—	—	—	—	—	93.00	90.00	90.00	91.00
1982	87.00	85.00	—	—	—	—	—	—	—	70.00	100.00	100.00	90.50
1983	100.00	100.00	—	—	—	—	—	—	—	172.00	168.00	163.00	169.00
1984	169.00	—	—	—	—	—	—	—	—	119.00	121.00	114.00	119.00
ALFALFA HAY, BALED (Dollars per Ton)													
1980	116.00	116.00	112.00	110.00	98.00	105.00	96.00	90.00	96.00	100.00	98.00	102.00	c/
1981	100.00	97.00	96.00	89.00	86.00	84.00	73.00	65.00	69.00	71.00	76.00	80.00	c/
1982	80.00	78.00	85.00	86.00	93.00	90.00	83.00	79.00	81.00	82.00	91.00	96.00	c/
1983	97.00	98.00	96.00	96.00	95.00	99.00	95.00	92.00	91.00	91.00	91.00	93.00	c/
1984	94.00	98.00	93.00	91.00	96.00	92.00	75.00	76.00	77.00	76.00	85.00	96.00	c/
ALL HAY, BALED (Dollars per Ton)													
1980	112.00	111.00	108.00	108.00	96.00	100.00	95.00	87.00	94.00	99.00	96.00	101.00	95.00
1981	98.00	97.00	94.00	81.00	85.00	81.00	71.00	68.00	68.00	70.00	75.00	75.00	76.00
1982	79.00	78.00	84.00	84.00	91.00	86.00	83.00	79.00	80.00	82.00	91.00	93.00	86.50
1983	95.00	96.00	94.00	95.00	90.00	95.00	91.00	88.00	90.00	88.00	89.00	90.00	90.50
1984	92.00	95.00	90.00	88.00	94.00	88.00	74.00	75.00	77.00	75.00	84.00	95.00	83.00

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a/ The marketing season for dry beans is September 1 to August 31.
b/ The marketing season for cotton and cottonseed is August 1 to July 31.
c/ Not estimated.

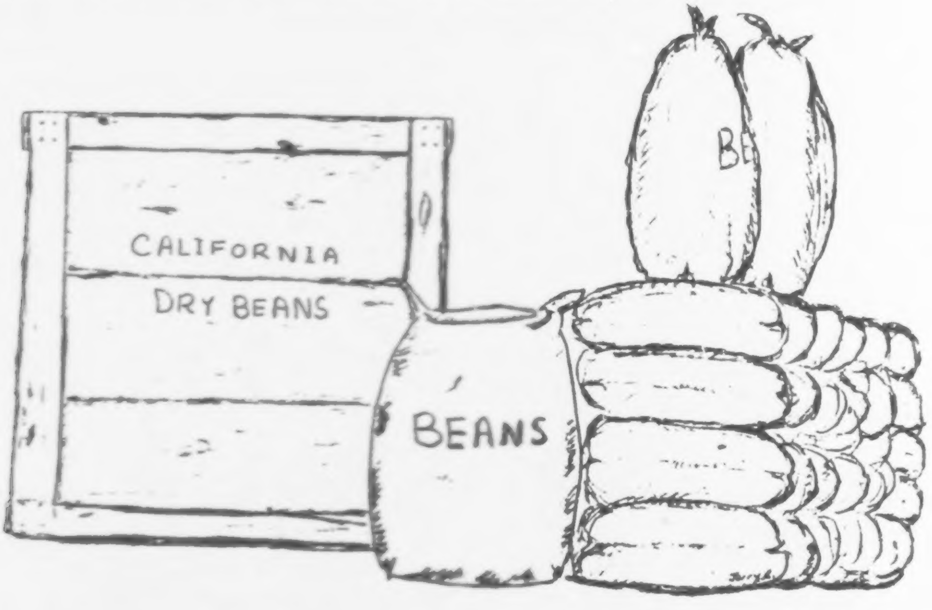
DRY BEANS: Acreage, yield, and production, by variety, California, 1980-84

Crop & Year	Area Planted	Area Harvested	Yield Per Acre	Production (clean)
	- - - 1,000 Acres	- - -	- Pounds -	- 1,000 Cwt. -
LARGE LIMAS				
1980	34.0	34.0	2,229	758
1981	31.0	30.0	2,130	639
1982	32.0	28.0	2,071	580
1983	26.5	26.0	1,780	463
1984	36.0	35.0	1,800	630
BABY LIMAS				
1980	19.0	19.0	2,353	447
1981	30.0	29.0	2,279	661
1982	27.0	25.0	2,120	530
1983	24.0	23.5	2,010	472
1984	28.0	27.0	1,960	529
BLACKEYES				
1980	43.0	43.0	1,620	698
1981	55.0	53.0	1,650	875
1982	73.0	67.0	1,570	1,050
1983	39.5	39.5	1,580	623
1984	51.0	50.0	1,680	840
LIGHT RED KIDNEYS				
1980	39.0	39.0	1,740	678
1981	38.0	36.0	1,810	650
1982	44.0	40.0	1,630	650
1983	13.5	13.5	1,790	242
1984	30.0	29.0	1,600	464
DARK RED KIDNEYS				
1980	16.0	16.0	1,740	279
1981	11.0	10.0	1,800	180
1982	16.0	13.0	1,650	215
1983	10.5	10.5	1,610	169
1984	18.0	17.0	1,630	277
SMALL WHITE				
1980	4.3	4.3	2,000	86
1981	7.5	7.0	2,140	150
1982	8.0	6.0	1,830	110
1983	2.0	2.0	1,700	34
1984	2.5	2.5	1,560	39
PINK				
1980	44.0	44.0	1,590	700
1981	44.0	42.0	1,670	700
1982	15.0	13.0	1,690	220
1983	11.0	11.0	1,710	188
1984	15.0	14.0	1,330	186

DRY BEANS: Acreage, yield, and production, by variety, California, 1980-84 (Continued)

Crop & Year	Area Planted	Area Harvested	Yield Per Acre	Production (clean)
	- - - 1,000 Acres - - -		- Pounds -	- 1,000 Cwt. -
GARBANZO				
1980	8.0	8.0	840	67
1981	6.5	6.0	830	50
1982	10.0	8.0	750	60
1983	8.0	7.0	670	47
1984	2.5	2.5	560	14
MISCELLANEOUS a/				
1980	5.7	5.7	1,750	100
1981	12.0	11.0	1,820	200
1982	13.0	10.0	1,700	170
1983	11.0	10.0	1,760	174
1984	8.0	7.0	1,710	120
ALL LIMAS				
1980	53.0	53.0	2,270	1,205
1981	61.0	59.0	2,200	1,300
1982	59.0	53.0	2,090	1,110
1983	50.5	49.5	1,890	935
1984	64.0	62.0	1,870	1,159
ALL DRY BEANS				
1980	213.0	213.0	1,790	3,813
1981	235.0	224.0	1,833	4,105
1982	238.0	210.0	1,707	3,585
1983	146.0	143.0	1,687	2,412
1984	191.0	184.0	1,684	3,099

a/ Includes navy, pinto, cranberry, small red, commercial green baby limas, and other miscellaneous varieties. Garden seed beans have been excluded.



WHEAT VARIETIES: PLANTED ACREAGE AND PERCENT, 1980-1984

VARIETY		1980	1981	1982	1983	1984
WHITE VARIETIES						
Dirkwin	Acres	---	---	7,500	---	---
	Percent	---	---	0.7	---	---
Gaines-Nugaines	Acres	15,000	8,000	7,000	2,000	1,000
	Percent	1.3	0.6	0.7	0.3	0.1
Hyslop	Acres	16,000	11,000	5,000	2,000	3,000
	Percent	1.4	0.9	0.5	0.3	0.4
Klasic	Acres	---	---	---	---	2,000
	Percent	---	---	---	---	0.3
McDermid	Acres	---	---	---	3,000	2,000
	Percent	---	---	---	0.4	0.3
Moro	Acres	---	---	---	3,000	2,000
	Percent	---	---	---	0.4	0.3
Onas-Onas 53	Acres	---	1,000	---	---	---
	Percent	---	0.1	---	---	---
Ramona 50	Acres	2,000	8,000	10,500	15,000	2,000
	Percent	0.2	0.6	1.0	2.1	0.3
Siete Cerros 66	Acres	---	---	11,000	a/	---
	Percent	---	---	1.1	a/	---
Stephens	Acres	---	---	---	---	1,000
	Percent	---	---	---	---	0.1
Yamhill	Acres	---	---	---	6,000	4,000
	Percent	---	---	---	0.8	0.5
Other & Unknown White	Acres	6,000	11,000	7,000	5,000	10,000
	Percent	0.5	0.9	0.7	0.7	1.3
RED VARIETIES						
Aim	Acres	---	---	6,000	1,000	2,000
	Percent	---	---	0.6	0.1	0.3
Anza	Acres	590,000	736,000	431,000	334,000	299,000
	Percent	52.2	58.9	42.3	45.8	38.8
Cajeme 71	Acres	30,000	13,000	3,500	4,000	3,000
	Percent	2.7	1.0	0.3	0.5	0.4
Inia 66 or 66R	Acres	75,000	62,000	43,500	20,000	25,000
	Percent	6.6	5.0	4.3	2.7	3.2
Oslo	Acres	---	---	---	---	3,000
	Percent	---	---	---	---	0.4
Probrand 771	Acres	---	---	20,500	16,000	10,000
	Percent	---	---	2.0	2.2	1.3
Probred	Acres	30,000	31,000	4,000	3,000	2,000
	Percent	2.7	2.5	0.4	0.4	0.3
Shasta	Acres	9,000	6,000	2,000	1,000	1,000
	Percent	0.8	0.5	0.2	0.1	0.1
Tanori 71	Acres	27,000	1,000	---	---	---
	Percent	2.4	0.1	---	---	---
W 433	Acres	1,000	4,000	---	---	---
	Percent	0.1	0.3	---	---	---
W 444	Acres	16,000	23,000	11,500	3,000	1,000
	Percent	1.4	1.8	1.1	0.4	0.1
Westbred 911	Acres	---	---	---	11,000	3,000
	Percent	---	---	---	1.5	0.4
Winridge	Acres	---	---	---	---	13,000
	Percent	---	---	---	---	1.7
Yecora Rojo	Acres	271,000	295,000	433,500	279,000	290,000
	Percent	24.0	23.6	42.5	38.2	37.6
Yolo	Acres	---	---	---	5,000	82,000
	Percent	---	---	---	0.7	10.6
Other & Unknown Red	Acres	42,000	40,000	16,500	17,000	9,000
	Percent	3.7	3.2	1.6	2.4	1.2
ALL WINTER WHEAT	Acres	1,130,000	1,250,000	1,020,000	730,000	770,000
	Percent	100.0	100.0	100.0	100.0	100.0
DURUM VARIETIES						
1000D	Acres	13,000	58,000	20,000	---	3,000
	Percent	12.4	34.1	15.4	---	3.0
Aldura	Acres	3,000	28,000	40,000	21,000	16,000
	Percent	2.9	16.5	30.8	26.2	16.0
Gem	Acres	---	---	---	---	2,000
	Percent	---	---	---	---	2.0
Jori 69	Acres	---	5,000	a/	a/	---
	Percent	---	2.9	a/	a/	---
Mexicali 75	Acres	16,000	45,000	54,500	22,000	53,000
	Percent	15.2	26.5	41.9	27.5	53.0
Modoc	Acres	---	5,000	a/	1,000	---
	Percent	---	2.9	a/	1.3	---
Produra	Acres	41,000	16,000	a/	---	---
	Percent	39.0	9.4	a/	---	---
Westbred 881	Acres	---	---	---	18,000	7,000
	Percent	---	---	---	22.5	7.0
Other & Unknown Durum	Acres	32,000	13,000	15,500	18,000	19,000
	Percent	30.5	7.7	11.9	22.5	19.0
ALL DURUM WHEAT	Acres	105,000	170,000	130,000	80,000	100,000
	Percent	100.0	100.0	100.0	100.0	100.0
ALL WHEAT	Acres	1,235,000	1,420,000	1,150,000	810,000	870,000

a/ Included in other.

WHEAT VARIETIES: Planted Acreage and Percentage by Districts, 1984 a/

Variety		1984 CROP REVISED					1984 Variety Totals
		Sacramento Valley	San Joaquin Valley	Coast	Southern California	Sierra and No. Calif.	
WHITE VARIETIES							
Gaines-Nugaines	Acres	---	---	---	---	1,000	1,000
	Percent	---	---	---	---	4.5	0.1
Hyslop	Acres	---	---	---	---	3,000	3,000
	Percent	---	---	---	---	13.5	0.4
Klasic	Acres	2,000	b/	---	---	---	2,000
	Percent	0.8	b/	---	---	---	0.3
McDermid	Acres	---	---	---	---	2,000	2,000
	Percent	---	---	---	---	9.1	0.3
Moro	Acres	---	---	---	---	2,000	2,000
	Percent	---	---	---	---	9.1	0.3
Ramona 50	Acres	---	1,000	b/	1,000	b/	2,000
	Percent	---	0.3	b/	0.8	b/	0.3
Stephens	Acres	---	---	---	---	1,000	1,000
	Percent	---	---	---	---	4.5	0.1
Yamhill	Acres	---	b/	---	---	4,000	4,000
	Percent	---	b/	---	---	18.1	0.5
Other & Unknown White	Acres	1,000	3,000	1,000	---	5,000	10,000
	Percent	0.4	0.9	2.0	---	22.6	1.3
RED VARIETIES							
Aim	Acres	---	2,000	---	b/	---	2,000
	Percent	---	0.6	---	b/	---	0.3
Anza	Acres	156,000	84,000	15,000	44,000	b/	299,000
	Percent	61.2	25.9	30.4	37.2	b/	38.8
Cajeme 71	Acres	---	---	---	2,000	1,000	3,000
	Percent	---	---	---	1.7	4.5	0.4
Inia 66 or 66R	Acres	---	16,000	b/	9,000	---	25,000
	Percent	---	4.9	b/	7.6	---	3.2
Oslo	Acres	---	3,000	b/	---	---	3,000
	Percent	---	0.9	b/	---	---	0.4
Probrand 771	Acres	---	9,000	---	1,000	---	10,000
	Percent	---	2.8	---	0.8	---	1.3
Probred	Acres	---	2,000	---	---	---	2,000
	Percent	---	0.6	---	---	---	0.3
Shasta	Acres	1,000	---	---	---	---	1,000
	Percent	0.4	---	---	---	---	0.1
W. 444	Acres	---	1,000	---	---	---	1,000
	Percent	---	0.3	---	---	---	0.1
Westbred 911	Acres	b/	1,000	---	2,000	b/	3,000
	Percent	b/	0.3	---	1.7	b/	0.4
Winridge	Acres	3,000	1,000	---	9,000	---	13,000
	Percent	1.2	0.3	---	7.6	---	1.7
Yecora Rojo	Acres	11,000	195,000	32,000	50,000	2,000	290,000
	Percent	4.3	60.0	64.8	42.2	9.1	37.6
Yolo	Acres	80,000	2,000	---	b/	---	82,000
	Percent	31.3	0.6	---	b/	---	10.6
Other & Unknown Red	Acres	1,000	5,000	1,400	500	1,100	9,000
	Percent	0.4	1.6	2.8	0.4	5.0	1.2
ALL WINTER WHEAT	Acres	255,000	325,000	49,400	118,500	22,100	770,000
	Percent	33.1	42.2	6.4	15.4	2.9	100.0
DURUM VARIETIES							
1000 D	Acres	---	---	---	3,000	---	3,000
	Percent	---	---	---	3.6	---	3.0
Aldura	Acres	---	b/	---	16,000	---	16,000
	Percent	---	b/	---	19.4	---	16.0
Gem	Acres	---	---	---	2,000	---	2,000
	Percent	---	---	---	2.4	---	2.0
Mexicali 75	Acres	---	---	---	53,000	---	53,000
	Percent	---	---	---	64.3	---	53.0
Westbred 881	Acres	---	---	---	7,000	---	7,000
	Percent	---	---	---	8.5	---	7.0
Other & Unknown Durum	Acres	5,000	11,000	1,000	1,500	500	19,000
	Percent	100.0	100.0	100.0	1.8	100.0	19.0
ALL DURUM WHEAT	Acres	5,000	11,000	1,000	82,500	500	100,000
	Percent	5.0	11.0	1.0	82.5	0.5	100.0
STATE TOTAL 1984	Acres	260,000	336,000	50,400	201,000	22,600	870,000
	Percent	29.9	38.6	5.8	23.1	2.6	100.0

a/ Percentages adjusted in some cases to add to 100.0.
b/ Included in Other.

BARLEY VARIETIES: PLANTED ACREAGE AND PERCENT, 1980-1984

Variety		1980	1981	1982	1983	1984
FEED VARIETIES						
Advance	Acres	---	---	---	---	2,800
	Percent	---	---	---	---	0.5
Arivat	Acres	18,000	43,000	67,300	45,100	80,000
	Percent	2.2	5.8	9.6	8.1	14.8
Atlas	Acres	3,000	13,000	34,500	14,600	11,900
	Percent	0.4	1.8	4.9	2.6	2.2
Briggs	Acres	100,000	113,000	71,800	37,700	52,300
	Percent	12.5	15.3	10.3	6.7	9.7
Calif. "Blue" Mariout	Acres	3,000	a/	10,600	a/	a/
	Percent	0.4	a/	1.5	a/	a/
C.M. 67	Acres	98,000	89,000	65,200	26,400	9,100
	Percent	12.3	12.0	9.3	4.7	1.7
C.M. 72	Acres	189,000	133,000	170,300	102,500	105,000
	Percent	23.6	18.0	24.3	18.3	19.4
Compana	Acres	a/	a/	a/	a/	6,000
	Percent	a/	a/	a/	a/	1.1
Gus	Acres	60,000	40,000	9,800	16,800	10,100
	Percent	7.5	5.4	1.4	3.0	1.9
Lud	Acres	a/	a/	a/	a/	3,300
	Percent	a/	a/	a/	a/	0.6
Kombar	Acres	25,000	9,000	6,700	a/	a/
	Percent	3.1	1.2	1.0	a/	a/
Kombyne	Acres	118,000	61,000	16,700	a/	a/
	Percent	14.8	8.2	2.4	a/	a/
N.K. No. 1 Blend	Acres	a/	a/	a/	a/	7,100
	Percent	a/	a/	a/	a/	1.3
Poco	Acres	a/	a/	9,900	3,700	16,700
	Percent	a/	a/	1.4	0.7	3.1
Prato	Acres	a/	72,000	54,900	98,900	69,900
	Percent	a/	9.7	7.8	17.7	13.0
Schuyler	Acres	5,000	a/	a/	a/	a/
	Percent	0.6	a/	a/	a/	a/
Steptoe	Acres	13,000	20,000	21,600	20,400	44,900
	Percent	1.6	2.7	3.1	3.6	8.3
Sunbar BB82-2	Acres	a/	a/	a/	a/	7,500
	Percent	a/	a/	a/	a/	1.4
Sunbar 400	Acres	a/	15,000	14,300	10,300	15,800
	Percent	a/	2.0	2.0	1.8	2.9
Sunbar 401	Acres	a/	18,000	58,700	5,900	15,100
	Percent	a/	2.4	8.4	1.1	2.8
U.C. 566	Acres	78,000	42,000	7,600	45,000	28,200
	Percent	9.7	5.7	1.1	8.0	5.2
Winter Tennessee	Acres	15,000	a/	a/	a/	4,300
	Percent	1.9	a/	a/	a/	0.8
Wocus	Acres	1,000	a/	a/	a/	a/
	Percent	0.1	a/	a/	a/	a/
MALTING VARIETIES						
Firlbecks III	Acres	2,000	a/	a/	a/	a/
	Percent	0.3	a/	a/	a/	a/
Hannchen	Acres	14,000	a/	a/	7,900	5,300
	Percent	1.8	a/	a/	1.4	1.0
Klages	Acres	17,000	30,000	30,000	18,900	8,000
	Percent	2.1	4.1	4.3	3.4	1.5
Manker	Acres	a/	10,000	5,400	a/	a/
	Percent	a/	1.4	0.8	a/	a/
OTHER AND UNKNOWN VARIETIES	Acres	41,000	32,000	44,700	105,900	36,700
	Percent	5.1	4.3	6.4	18.9	6.8
ALL BARLEY	Acres	800,000	740,000	700,000	560,000	540,000
	Percent	100.0	100.0	100.0	100.0	100.0

a/ Included in "Other and Unknown Varieties".

BARLEY VARIETIES: Planted acreage and percentage by districts, 1984 a/

Variety		1984 Crop					1984 Variety Totals
		Sacramento Valley	San Joaquin Valley	Coast	Southern California	Northern & Sierra Co's.	
FEED VARIETIES							
Advance	Acres	—	—	—	—	2,800	2,800
	Percent	—	—	—	—	3.2	0.5
Arivat	Acres	—	—	76,400	3,600	—	80,000
	Percent	—	—	42.0	6.3	—	14.8
Atlas	Acres	600	2,700	8,600	—	—	11,900
	Percent	1.7	1.5	4.7	—	—	2.2
Briggs	Acres	9,300	1,800	23,800	17,400	—	52,300
	Percent	25.8	1.0	13.1	30.3	—	9.7
C.M. 67	Acres	200	4,600	900	3,400	—	9,100
	Percent	0.6	2.6	0.5	5.9	—	1.7
C.M. 72	Acres	7,100	73,000	7,800	17,100	—	105,000
	Percent	19.7	41.0	4.3	29.7	—	19.4
Compana	Acres	—	—	—	—	6,000	6,000
	Percent	—	—	—	—	7.0	1.1
Gus	Acres	—	2,700	—	3,000	4,400	10,100
	Percent	—	1.5	—	5.2	5.1	1.9
Lud	Acres	—	—	—	—	3,300	3,300
	Percent	—	—	—	—	3.8	0.6
N.K. No. 1 Blend	Acres	—	7,100	—	—	—	7,100
	Percent	—	4.0	—	—	—	1.3
Poco	Acres	100	2,000	14,600	—	—	16,700
	Percent	0.3	1.1	8.0	—	—	3.1
Prato	Acres	18,300	19,200	26,000	6,400	—	69,900
	Percent	50.8	10.8	14.3	11.1	—	13.0
Steptoe	Acres	—	—	—	—	44,900	44,900
	Percent	—	—	—	—	51.9	8.3
Sunbar BB82-2	Acres	—	7,500	—	—	—	7,500
	Percent	—	4.2	—	—	—	1.4
Sunbar 400	Acres	—	15,800	—	—	—	15,800
	Percent	—	8.9	—	—	—	2.9
Sunbar 401	Acres	—	15,100	—	—	—	15,100
	Percent	—	8.5	—	—	—	2.8
U.C. 566	Acres	—	11,200	14,200	2,800	—	28,200
	Percent	—	6.3	7.8	4.9	—	5.2
Winter Tennessee	Acres	—	4,300	—	—	—	4,300
	Percent	—	2.4	—	—	—	0.8
MALTING VARIETIES							
Hannchen	Acres	—	—	5,300	—	—	5,300
	Percent	—	—	2.9	—	—	1.0
Klages	Acres	—	—	—	—	8,000	8,000
	Percent	—	—	—	—	9.2	1.5
OTHER AND UNKNOWN VARIETIES	Acres	400	11,000	4,400	3,800	17,100	36,700
	Percent	1.1	6.2	2.4	6.6	19.8	6.8
STATE TOTAL	Acres	36,000	178,000	182,000	57,500	86,500	540,000
	Percent	100.0	100.0	100.0	100.0	100.0	100.0

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CALIFORNIA ALL WHEAT: Acreage, yield, and production, by counties, 1981-82

County	1981				1982			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	3,500	3,200	38.8	124,000	3,000	2,800	40.0	112,000
Siskiyou	21,500	18,800	80.0	1,504,000	21,000	18,200	80.2	1,459,000
Trinity	---	---	---	---	---	---	---	---
	25,000	22,000	74.0	1,628,000	24,000	21,000	74.8	1,571,000
Lassen	7,500	6,500	55.8	363,000	6,000	5,500	54.5	300,000
Modoc	3,000	2,500	60.0	150,000	2,500	2,000	56.0	112,000
Plumas	---	---	---	---	---	---	---	---
	10,500	9,000	57.0	513,000	8,500	7,500	54.9	412,000
Alameda	2,700	2,400	52.5	126,000	3,700	3,500	54.9	192,000
Contra Costa	9,700	9,000	80.0	720,000	8,200	7,700	70.0	539,000
Lake	1,000	800	50.0	40,000	500	400	45.0	18,000
Marin	---	---	---	---	---	---	---	---
Monterey	2,500	2,000	34.0	68,000	1,900	1,500	30.0	45,000
Napa	1,000	800	20.0	16,000	900	800	28.8	23,000
San Benito	1,100	1,000	50.0	50,000	1,200	1,100	50.0	55,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	78,200	68,000	29.0	1,972,000	61,400	53,000	34.0	1,802,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	1,300	1,000	67.0	67,000	1,100	900	66.7	60,000
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	500	500	20.0	10,000	100	100	30.0	3,000
	98,000	85,500	35.9	3,069,000	79,000	69,000	39.7	2,737,000
Butte	46,000	44,000	78.0	3,432,000	32,500	31,000	65.0	2,015,000
Colusa	56,000	54,000	75.0	4,050,000	37,500	35,000	66.8	2,338,000
Glenn	50,000	46,000	67.0	3,082,000	31,500	28,500	62.0	1,767,000
Sacramento	69,000	66,000	90.5	5,976,000	34,000	31,000	78.0	2,418,000
Solano	59,500	57,500	86.0	4,945,000	42,000	40,500	80.0	3,240,000
Sutter	61,500	59,500	88.6	5,270,000	53,500	48,000	74.1	3,557,000
Tehama	34,500	32,500	43.0	1,398,000	11,500	10,000	56.3	563,000
Yolo	120,500	116,500	86.8	10,115,000	84,000	79,000	72.0	5,688,000
Yuba	9,500	9,000	62.0	558,000	2,500	2,000	52.0	104,000
	506,500	485,000	80.1	38,826,000	329,000	305,000	71.1	21,630,000
Fresno	106,500	103,000	80.0	8,240,000	93,500	89,000	75.0	6,675,000
Kern	72,500	69,500	84.6	5,880,000	92,000	89,000	76.0	6,764,000
Kings	93,500	88,500	90.4	7,998,000	75,000	71,000	64.0	4,544,000
Madera	59,500	57,500	77.0	4,428,000	48,000	46,500	80.0	3,720,000
Merced	42,000	40,000	77.0	3,080,000	33,000	31,000	73.0	2,263,000
San Joaquin	69,500	67,000	95.4	6,394,000	57,000	55,000	79.0	4,345,000
Stanislaus	18,000	17,000	73.0	1,241,000	12,500	12,000	73.8	885,000
Tulare	74,000	71,500	81.3	5,814,000	68,500	66,000	68.0	4,488,000
	535,500	514,000	83.8	43,075,000	479,500	459,500	73.3	33,684,000
Alpine	---	---	---	---	---	---	---	---
Amador	1,400	1,300	55.4	72,000	1,500	1,300	51.5	67,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	10,600	9,300	26.0	242,000	5,900	4,200	15.0	63,000
Sierra	500	400	40.0	16,000	600	500	40.0	20,000
Tuolumne	---	---	---	---	---	---	---	---
	12,500	11,000	30.0	330,000	8,000	6,000	25.0	150,000
Imperial	174,500	166,000	90.0	14,940,000	177,200	168,700	86.4	14,572,000
Los Angeles	7,800	6,800	40.0	272,000	6,300	5,000	24.4	122,000
Orange	---	---	---	---	---	---	---	---
Riverside	33,600	31,500	76.0	2,394,000	25,800	23,000	77.6	1,785,000
San Bernardino	2,000	1,500	40.0	60,000	1,000	500	40.0	20,000
San Diego	2,300	2,000	33.0	66,000	2,000	1,500	32.0	48,000
Santa Barbara	9,300	8,500	36.0	306,000	9,000	8,000	46.8	374,000
Ventura	2,500	2,200	30.0	66,000	700	300	33.3	10,000
	232,000	218,500	82.9	18,104,000	222,000	207,000	81.8	16,931,000
STATE	1,420,000	1,345,000	78.5	105,545,000	1,150,000	1,075,000	71.8	77,175,000

CALIFORNIA ALL WHEAT: Acreage, yield, and production, by counties, 1983-84

County	1983				1984			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	Acres		Bushels		Acres		Bushels	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	2,000	1,800	38.9	70,000	1,500	1,300	65.4	85,000
Siskiyou	13,000	10,200	65.2	665,000	13,000	11,200	46.0	515,000
Trinity	---	---	---	---	---	---	---	---
	15,000	12,000	61.3	735,000	14,500	12,500	48.0	600,000
Lassen	3,000	2,200	50.0	110,000	2,700	2,600	39.2	102,000
Modoc	1,000	800	43.8	35,000	2,400	2,300	59.1	136,000
Plumas	---	---	---	---	---	---	---	---
	4,000	3,000	48.3	145,000	5,100	4,900	48.6	238,000
Alameda	2,700	2,200	56.8	125,000	4,000	3,700	55.7	206,000
Contra Costa	9,500	7,900	46.8	370,000	9,000	7,000	82.0	574,000
Lake	500	400	45.0	18,000	500	400	45.0	18,000
Marin	---	---	---	---	---	---	---	---
Monterey	2,000	1,700	30.0	51,000	2,400	2,400	45.0	108,000
Napa	500	400	37.5	15,000	500	400	45.0	18,000
San Benito	1,500	1,400	46.4	65,000	1,600	1,400	65.0	91,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	30,000	25,000	33.0	825,000	31,000	25,500	45.5	1,161,000
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	1,000	800	68.8	55,000	1,100	1,000	75.0	75,000
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	300	200	30.0	6,000	300	300	50.0	15,000
	48,000	40,000	38.3	1,530,000	50,400	42,100	53.8	2,266,000
Butte	20,000	17,000	54.0	918,000	20,000	17,500	54.9	960,000
Colusa	22,000	18,000	43.0	774,000	23,000	22,000	70.9	1,560,000
Glenn	27,000	22,000	47.0	1,034,000	26,000	23,000	69.0	1,587,000
Sacramento	25,000	20,000	76.0	1,520,000	25,000	24,000	85.0	2,040,000
Solano	18,000	15,000	51.3	770,000	19,000	18,000	76.0	1,368,000
Sutter	62,000	53,000	46.0	2,440,000	63,000	59,000	79.0	4,661,000
Tehama	10,000	8,000	43.8	350,000	10,000	8,000	60.0	480,000
Yolo	69,000	59,000	50.0	2,950,000	71,000	68,000	65.0	4,420,000
Yuba	3,000	2,000	45.0	90,000	3,000	2,500	67.6	169,000
	256,000	214,000	50.7	10,846,000	260,000	242,000	71.3	17,245,000
Fresno	85,000	71,000	79.0	5,609,000	81,000	75,000	95.0	7,125,000
Kern	66,000	56,000	84.4	4,728,000	61,000	49,000	86.4	4,233,000
Kings	38,000	32,000	91.9	2,940,000	37,000	35,000	84.0	2,940,000
Madera	25,000	21,000	81.0	1,700,000	28,000	27,000	89.0	2,403,000
Merced	21,000	18,000	67.0	1,206,000	22,000	20,000	80.0	1,600,000
San Joaquin	48,000	41,000	67.0	2,747,000	50,000	47,000	80.0	3,760,000
Stanislaus	7,000	6,000	63.0	378,000	8,000	7,000	68.0	476,000
Tulare	47,000	40,000	77.0	3,080,000	49,000	47,000	74.0	3,478,000
	337,000	285,000	78.6	22,388,000	336,000	307,000	84.7	26,015,000
Alpine	---	---	---	---	---	---	---	---
Amador	1,000	800	50.0	40,000	800	600	33.3	20,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	1,700	1,000	18.0	18,000	2,000	1,700	20.0	34,000
Sierra	300	200	40.0	8,000	200	200	30.0	6,000
Tuolumne	---	---	---	---	---	---	---	---
	3,000	2,000	33.0	66,000	3,000	2,500	24.0	60,000
Imperial	115,000	97,000	95.0	9,215,000	164,000	150,000	95.9	14,388,000
Los Angeles	4,000	3,400	40.0	136,000	3,000	2,500	29.2	73,000
Orange	---	---	---	---	---	---	---	---
Riverside	18,000	15,000	73.0	1,095,000	20,000	12,500	50.0	625,000
San Bernardino	500	400	60.0	24,000	2,000	1,000	80.0	80,000
San Diego	1,500	1,300	40.0	52,000	2,000	1,000	40.0	40,000
Santa Barbara	7,500	6,500	48.0	312,000	10,000	6,000	35.0	210,000
Ventura	500	400	40.0	16,000	---	---	---	---
	147,000	124,000	87.5	10,850,000	201,000	173,000	89.1	15,416,000
STATE	810,000	680,000	68.5	46,560,000	870,000	784,000	78.9	61,840,000

CALIFORNIA BARLEY: Acreage, yield, and production, by counties, 1981-82

County	1981				1982			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	100	---	---	---
Mendocino	1,000	900	36.7	33,000	1,000	900	38.9	35,000
	1,000	900	36.7	33,000	1,100	900	38.9	35,000
Shasta	1,500	1,000	50.0	50,000	1,600	1,500	50.0	75,000
Siskiyou	40,000	34,800	81.8	2,845,000	55,000	51,000	93.3	4,758,000
Trinity	---	---	---	---	---	---	---	---
	41,500	35,800	80.9	2,895,000	56,600	52,500	92.1	4,833,000
Lassen	4,200	3,400	54.1	184,000	3,700	3,300	62.1	205,000
Modoc	23,000	19,000	97.0	1,843,000	25,300	22,900	104.0	2,381,000
Plumas	1,300	1,100	25.5	28,000	1,000	700	25.7	18,000
	28,500	23,500	87.4	2,055,000	30,000	26,900	96.8	2,604,000
Alameda	6,300	4,500	44.4	200,000	4,200	3,400	42.6	145,000
Contra Costa	3,000	2,300	35.7	82,000	3,200	2,900	47.9	139,000
Lake	300	200	60.0	12,000	700	600	58.3	35,000
Marin	100	100	40.0	4,000	200	100	40.0	4,000
Monterey	57,000	48,500	52.0	2,522,000	52,200	48,000	41.7	2,002,000
Napa	200	200	45.0	9,000	100	---	---	---
San Benito	9,100	8,400	54.0	454,000	13,000	9,500	54.0	513,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	97,400	89,900	54.0	4,856,000	119,800	104,800	40.5	4,249,000
San Mateo	1,400	1,200	45.8	55,000	1,200	900	45.6	41,000
Santa Clara	1,100	900	62.2	56,000	1,100	1,000	62.0	62,000
Santa Cruz	---	---	---	---	200	100	50.0	5,000
Sonoma	200	100	40.0	4,000	200	100	40.0	4,000
	176,100	156,300	52.8	8,254,000	196,100	171,400	42.0	7,199,000
Butte	4,800	3,800	57.9	220,000	6,000	5,300	56.0	297,000
Colusa	17,000	13,500	67.0	904,000	11,100	10,000	54.0	540,000
Glenn	9,000	7,200	41.9	302,000	8,100	7,400	37.0	274,000
Sacramento	1,700	1,000	75.0	75,000	1,300	900	71.1	64,000
Solano	9,700	7,500	60.0	450,000	10,000	8,100	40.0	324,000
Sutter	15,000	11,500	88.0	1,012,000	15,600	15,000	50.0	750,000
Tehama	3,500	3,000	50.0	150,000	3,200	3,000	40.0	120,000
Yolo	17,300	14,000	46.0	644,000	19,000	17,800	51.0	907,000
Yuba	2,100	600	61.7	37,000	900	600	31.7	19,000
	80,100	62,100	61.1	3,794,000	75,200	68,100	48.4	3,295,000
Fresno	99,800	91,600	73.0	6,687,000	82,000	78,100	81.7	6,380,000
Kern	33,000	29,000	65.0	1,885,000	34,500	29,300	70.4	2,062,000
Kings	97,000	90,000	65.0	5,850,000	65,000	55,200	61.3	3,383,000
Madera	20,000	16,500	71.0	1,171,000	15,300	13,000	81.7	1,062,000
Merced	20,300	15,700	73.0	1,146,000	15,100	14,000	70.8	991,000
San Joaquin	30,000	26,000	74.0	1,924,000	20,000	14,200	83.2	1,182,000
Stanislaus	16,000	13,000	58.0	754,000	11,400	8,000	71.6	573,000
Tulare	38,600	32,700	76.0	2,485,000	37,000	32,700	75.8	2,478,000
	354,700	314,500	69.6	21,902,000	280,300	244,500	74.1	18,111,000
Alpine	---	---	---	---	100	100	30.0	3,000
Amador	400	300	120.0	36,000	500	400	70.0	28,000
Calaveras	---	---	---	---	300	300	90.0	27,000
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	200	---	---	---
Mariposa	100	100	30.0	3,000	100	100	30.0	3,000
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	500	400	35.0	14,000	700	400	40.0	16,000
Sierra	100	100	20.0	2,000	100	100	40.0	4,000
Tuolumne	---	---	---	---	800	800	40.0	32,000
	1,100	900	61.1	55,000	2,800	2,200	51.4	113,000
Imperial	1,400	400	105.0	42,000	2,700	2,500	90.8	227,000
Los Angeles	5,500	5,000	9.0	45,000	10,000	8,700	25.1	218,000
Orange	4,800	4,000	38.0	152,000	6,700	6,400	42.0	269,000
Riverside	28,500	25,300	25.0	632,000	25,200	24,700	45.0	1,112,000
San Bernardino	3,300	1,800	47.8	86,000	3,000	1,800	40.6	73,000
San Diego	4,500	3,000	31.0	93,000	3,000	2,700	29.3	79,000
Santa Barbara	5,000	3,500	42.0	147,000	3,500	3,100	43.9	136,000
Ventura	4,000	3,000	45.0	135,000	3,800	3,600	37.8	136,000
	57,000	46,000	29.0	1,332,000	57,900	53,500	42.1	2,250,000
STATE	740,000	640,000	63.0	40,320,000	700,000	620,000	62.0	38,440,000

CALIFORNIA BARLEY: Acreage, yield, and production, by counties, 1983-84

County	1983				1984			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	100	---	---	---	100	---	---	---
Mendocino	1,100	1,000	39.0	39,000	900	400	40.0	16,000
	1,200	1,000	39.0	39,000	1,000	400	40.0	16,000
Shasta	800	700	57.1	40,000	1,200	1,000	94.0	94,000
Siskiyou	53,200	48,300	81.3	3,929,000	52,800	50,000	97.0	4,850,000
Trinity	---	---	---	---	---	---	---	---
	54,000	49,000	81.0	3,969,000	54,000	51,000	96.9	4,944,000
Lassen	4,000	3,000	60.0	180,000	3,300	3,200	68.1	218,000
Modoc	25,900	23,700	120.8	2,862,000	24,200	22,300	92.0	2,052,000
Plumas	400	300	36.7	11,000	---	---	---	---
	30,300	27,000	113.1	3,053,000	27,500	25,500	89.0	2,270,000
Alameda	4,200	1,500	38.0	57,000	3,500	2,500	58.0	145,000
Contra Costa	2,500	500	46.0	23,000	1,000	500	48.0	24,000
Lake	600	500	48.0	24,000	300	100	50.0	5,000
Marin	200	100	40.0	4,000	100	---	---	---
Monterey	48,000	45,000	37.1	1,669,000	52,600	48,000	40.0	1,920,000
Napa	100	---	---	---	---	---	---	---
San Benito	13,000	10,000	43.7	437,000	9,000	5,600	50.0	280,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	109,900	96,300	38.2	3,675,000	109,000	96,700	42.0	4,061,000
San Mateo	1,200	1,100	44.5	49,000	1,200	1,000	51.0	51,000
Santa Clara	2,500	2,200	30.9	68,000	5,000	4,000	20.0	80,000
Santa Cruz	200	100	40.0	4,000	100	---	---	---
Sonoma	600	200	35.0	7,000	200	100	40.0	4,000
	183,000	157,500	38.2	6,017,000	182,000	158,500	41.5	6,570,000
Butte	3,000	2,500	50.0	125,000	6,000	5,800	25.0	145,000
Colusa	3,500	3,000	41.7	125,000	3,000	2,800	62.9	176,000
Glenn	4,000	3,000	29.3	88,000	4,600	4,500	65.1	293,000
Sacramento	300	100	70.0	7,000	700	600	100.0	60,000
Solano	5,700	5,400	40.6	219,000	5,000	4,900	55.1	270,000
Sutter	7,300	5,100	50.6	258,000	7,000	7,000	50.0	350,000
Tehama	2,000	1,700	40.0	68,000	2,500	2,400	35.0	84,000
Yolo	3,700	3,300	41.2	136,000	7,000	6,800	54.0	367,000
Yuba	500	400	32.5	13,000	200	200	60.0	12,000
	30,000	24,500	42.4	1,039,000	36,000	35,000	50.2	1,757,000
Fresno	66,000	62,000	75.8	4,700,000	62,000	59,000	80.0	4,720,000
Kern	33,000	27,000	75.4	2,036,000	35,000	23,700	80.0	1,896,000
Kings	47,000	44,000	80.9	3,560,000	31,000	27,000	89.0	2,403,000
Madera	13,000	8,600	71.3	613,000	6,000	6,000	60.0	360,000
Merced	10,000	9,000	50.8	457,000	12,000	11,000	65.0	715,000
San Joaquin	8,500	7,100	50.3	357,000	4,000	3,000	90.0	270,000
Stanislaus	10,500	8,300	52.8	438,000	7,000	6,000	60.0	360,000
Tulare	21,000	17,000	71.5	1,216,000	21,000	20,000	86.0	1,720,000
	209,000	183,000	73.1	13,377,000	178,000	155,700	79.9	12,444,000
Alpine	100	100	30.0	3,000	100	100	30.0	3,000
Amador	400	200	50.0	10,000	200	200	50.0	10,000
Calaveras	200	100	50.0	5,000	100	100	50.0	5,000
El Dorado	---	---	---	---	200	200	85.0	17,000
Inyo	200	100	30.0	3,000	3,000	3,000	37.0	111,000
Mariposa	100	100	30.0	3,000	100	100	30.0	3,000
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	200	200	40.0	8,000	100	100	40.0	4,000
Sierra	100	100	40.0	4,000	100	---	---	---
Tuolumne	200	100	40.0	4,000	100	100	40.0	4,000
	1,500	1,000	40.0	40,000	4,000	3,900	40.3	157,000
Imperial	3,000	2,500	74.8	187,000	1,000	900	70.0	63,000
Los Angeles	8,500	7,600	17.8	135,000	10,300	5,100	15.1	77,000
Orange	6,000	5,800	50.3	292,000	6,500	2,000	24.0	48,000
Riverside	19,500	18,800	42.9	806,000	26,500	13,400	25.0	335,000
San Bernardino	2,500	1,800	31.1	56,000	2,700	2,000	30.0	60,000
San Diego	5,000	4,600	43.0	198,000	4,300	3,200	40.0	128,000
Santa Barbara	3,000	2,900	35.2	102,000	3,200	900	40.0	36,000
Ventura	3,500	3,000	30.0	90,000	3,000	2,500	30.0	75,000
	51,000	47,000	39.7	1,866,000	57,500	30,000	27.4	822,000
STATE	560,000	490,000	60.0	29,400,000	540,000	460,000	63.0	28,980,000

CALIFORNIA OATS: Acreage, yield, and production, by counties, 1981-82

County	1981				1982			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	100	---	---	---
Humboldt	100	100	60.0	6,000	500	100	60.0	6,000
Mendocino	700	300	96.7	29,000	1,500	300	96.7	29,000
	800	400	87.5	35,000	2,100	400	87.5	35,000
Shasta	1,500	700	75.7	53,000	3,000	1,000	75.0	75,000
Siskiyou	18,000	5,700	95.1	542,000	13,500	4,800	96.9	465,000
Trinity	---	---	---	---	---	---	---	---
	19,500	6,400	93.0	595,000	16,500	5,800	93.1	540,000
Lassen	6,800	500	56.0	28,000	4,000	700	68.6	48,000
Modoc	2,900	1,500	98.7	148,000	4,000	1,800	100.0	180,000
Plumas	2,400	700	70.0	49,000	1,400	700	74.3	52,000
	12,100	2,700	83.3	225,000	9,400	3,200	87.5	280,000
Alameda	12,000	200	40.0	8,000	10,000	200	40.0	8,000
Contra Costa	3,500	---	---	---	500	300	73.3	22,000
Lake	2,500	500	90.0	45,000	2,000	300	93.3	28,000
Marin	4,500	---	---	---	5,000	---	---	---
Monterey	6,300	500	70.0	35,000	5,000	500	72.0	36,000
Napa	4,000	200	45.0	9,000	4,000	200	45.0	9,000
San Benito	7,000	500	40.0	20,000	5,000	700	30.0	21,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	25,000	3,200	60.3	193,000	22,900	3,100	67.4	209,000
San Mateo	4,000	3,100	37.7	117,000	5,000	2,200	35.0	77,000
Santa Clara	5,000	800	70.0	56,000	4,000	1,000	76.0	76,000
Santa Cruz	1,000	---	---	---	1,000	---	---	---
Sonoma	24,000	3,200	60.0	192,000	23,500	3,500	55.4	194,000
	98,800	12,200	55.3	675,000	87,900	12,000	56.7	680,000
Butte	12,000	1,200	55.0	66,000	6,500	1,000	55.0	55,000
Colusa	1,800	200	50.0	10,000	500	---	---	---
Glenn	4,200	500	76.0	38,000	4,500	500	90.0	45,000
Sacramento	4,500	2,200	55.5	122,000	7,000	1,400	55.5	77,000
Solano	11,000	2,000	80.0	160,000	10,000	1,000	83.0	83,000
Sutter	3,500	500	56.0	28,000	2,500	500	46.0	23,000
Tehama	7,500	800	66.3	53,000	3,500	700	70.0	49,000
Yolo	5,000	500	80.0	40,000	8,000	400	82.5	33,000
Yuba	2,000	1,000	53.0	53,000	4,000	400	62.5	25,000
	51,500	8,900	64.0	570,000	46,500	5,900	66.1	390,000
Fresno	2,700	1,300	104.6	136,000	2,000	1,000	109.0	109,000
Kern	7,800	800	102.5	82,000	3,500	500	106.0	53,000
Kings	5,600	1,000	80.0	80,000	5,000	600	83.3	50,000
Madera	7,200	2,500	50.0	125,000	5,000	1,200	54.2	65,000
Merced	20,500	4,800	60.4	290,000	21,800	2,000	70.5	141,000
San Joaquin	16,500	3,100	56.1	174,000	15,000	3,600	53.1	191,000
Stanislaus	29,000	3,000	60.0	180,000	30,000	2,000	67.0	134,000
Tulare	18,000	2,500	85.2	213,000	17,500	1,900	87.9	167,000
	107,300	19,000	67.4	1,280,000	99,800	12,800	71.1	910,000
Alpine	---	---	---	---	---	---	---	---
Amador	500	---	---	---	100	---	---	---
Calaveras	---	---	---	---	100	---	---	---
El Dorado	---	---	---	---	200	---	---	---
Inyo	---	---	---	---	100	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	100	---	---	---
Nevada	---	---	---	---	100	---	---	---
Placer	7,800	2,200	36.8	81,000	7,000	2,100	24.8	52,000
Sierra	1,900	300	46.7	14,000	1,100	300	43.3	13,000
Tuolumne	1,500	---	---	---	1,000	---	---	---
	11,700	2,500	38.0	95,000	9,800	2,400	27.1	65,000
Imperial	1,000	500	70.0	35,000	1,000	500	74.0	37,000
Los Angeles	2,000	200	70.0	14,000	4,000	300	73.3	22,000
Orange	1,500	---	---	---	2,000	100	80.0	8,000
Riverside	10,300	5,000	40.0	200,000	9,000	4,600	51.3	236,000
San Bernardino	9,800	500	80.0	40,000	8,000	200	90.0	18,000
San Diego	4,000	400	60.0	24,000	4,000	400	60.0	24,000
Santa Barbara	7,600	1,100	87.3	96,000	7,000	1,100	76.4	84,000
Ventura	2,100	200	80.0	16,000	3,000	300	70.0	21,000
	38,300	7,900	53.8	425,000	38,000	7,500	60.0	450,000
STATE	340,000	60,000	65.0	3,900,000	310,000	50,000	67.0	3,350,000

CALIFORNIA OATS: Acreage, yield, and production, by counties, 1983-84

County	1983				1984			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	100	---	---	---	200	---	---	---
Humboldt	400	100	60.0	6,000	700	100	70.0	7,000
Mendocino	1,800	200	95.0	19,000	3,100	200	100.0	20,000
	2,300	300	83.3	25,000	4,000	300	90.0	27,000
Shasta	4,000	500	68.0	34,000	4,500	1,000	60.0	60,000
Siskiyou	17,000	5,000	94.2	471,000	19,500	6,000	89.2	535,000
Trinity	---	---	---	---	---	---	---	---
	21,000	5,500	91.8	505,000	24,000	7,000	85.0	595,000
Lassen	4,500	700	71.4	50,000	4,000	500	64.0	32,000
Modoc	4,000	1,300	80.0	104,000	6,200	1,500	72.7	109,000
Plumas	1,500	500	62.0	31,000	1,800	500	56.0	28,000
	10,000	2,500	74.0	185,000	12,000	2,500	67.6	169,000
Alameda	10,000	200	40.0	8,000	10,000	300	40.0	12,000
Contra Costa	700	100	60.0	6,000	1,000	200	60.0	12,000
Lake	2,300	200	85.0	17,000	2,500	300	86.7	26,000
Marin	5,200	600	38.3	23,000	5,000	700	38.6	27,000
Monterey	5,000	500	70.0	35,000	5,200	600	70.0	42,000
Napa	4,300	200	40.0	8,000	4,000	200	40.0	8,000
San Benito	4,000	900	53.3	48,000	4,000	1,100	54.5	60,000
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	20,500	1,200	60.0	72,000	22,000	2,700	63.0	170,000
San Mateo	4,500	2,200	47.7	105,000	5,000	2,500	46.4	116,000
Santa Clara	3,500	700	70.0	49,000	3,500	900	71.1	64,000
Santa Cruz	1,000	---	---	---	1,000	---	---	---
Sonoma	26,000	2,200	68.2	150,000	25,800	2,500	71.2	178,000
	87,000	9,000	57.9	521,000	89,000	12,000	59.6	715,000
Butte	5,800	3,800	56.8	216,000	4,000	900	61.1	55,000
Colusa	400	---	---	---	300	---	---	---
Glenn	5,300	500	68.0	34,000	4,000	500	76.0	38,000
Sacramento	6,500	1,400	57.1	80,000	4,000	1,400	74.3	104,000
Solano	9,500	2,200	69.1	152,000	7,000	1,100	86.4	95,000
Sutter	2,500	400	47.5	19,000	3,500	1,800	69.4	125,000
Tehama	3,500	800	60.0	48,000	2,200	800	78.8	63,000
Yolo	7,500	500	70.0	35,000	8,500	500	84.0	42,000
Yuba	5,000	400	60.0	24,000	3,000	1,500	68.7	103,000
	46,000	10,000	60.8	608,000	36,500	8,500	73.5	625,000
Fresno	2,000	800	105.0	84,000	2,100	800	106.3	85,000
Kern	4,000	500	100.0	50,000	4,500	700	101.4	71,000
Kings	6,000	500	80.0	40,000	5,600	600	83.3	50,000
Madera	5,000	1,000	65.0	65,000	5,500	1,100	70.0	77,000
Merced	20,000	2,200	64.1	141,000	27,000	600	66.7	40,000
San Joaquin	16,000	3,000	45.3	136,000	17,600	4,000	60.0	240,000
Stanislaus	30,000	1,500	56.0	84,000	32,000	1,500	62.7	94,000
Tulare	17,000	1,500	75.3	113,000	18,700	1,600	76.9	123,000
	100,000	11,000	64.8	713,000	113,000	10,900	71.6	780,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	100	---	---	---	100	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	500	300	40.0	12,000	400	300	46.7	14,000
Nevada	---	---	---	---	---	---	---	---
Placer	7,000	1,900	24.2	46,000	5,900	1,900	38.4	73,000
Sierra	1,000	300	40.0	12,000	800	300	43.3	13,000
Tuolumne	900	---	---	---	800	---	---	---
	9,500	2,500	28.0	70,000	8,000	2,500	40.0	100,000
Imperial	1,000	500	70.0	35,000	1,000	500	70.0	35,000
Los Angeles	2,000	200	65.0	13,000	1,000	---	---	---
Orange	500	---	---	---	500	---	---	---
Riverside	9,400	1,500	80.0	120,000	9,300	3,800	73.7	280,000
San Bernardino	7,500	300	90.0	27,000	7,500	300	90.0	27,000
San Diego	3,800	500	60.0	30,000	3,800	500	60.0	30,000
Santa Barbara	6,500	1,000	59.0	59,000	6,400	1,000	53.0	53,000
Ventura	3,500	200	70.0	14,000	4,000	200	70.0	14,000
	34,200	4,200	71.0	298,000	33,500	6,300	69.7	439,000
STATE	310,000	45,000	65.0	2,925,000	320,000	50,000	69.0	3,450,000

CALIFORNIA CORN: Acreage, yield, and production, by counties, 1981-82

County	1981				1982			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	2,000	---	---	---	1,300	600	75.0	45,000
Mendocino	300	---	---	---	300	---	---	---
	2,300	---	---	---	1,600	600	75.0	45,000
Shasta	---	---	---	---	---	---	---	---
Siskiyou	500	---	---	---	---	---	---	---
Trinity	---	---	---	---	500	---	---	---
	500	---	---	---	500	---	---	---
Lassen	400	200	105.0	21,000	600	200	105.0	21,000
Modoc	200	200	55.0	11,000	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	600	400	80.0	32,000	600	200	105.0	21,000
Alameda	600	500	132.0	66,000	700	---	---	---
Contra Costa	4,400	4,000	116.8	467,200	7,100	7,100	130.0	923,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	2,600	2,000	140.0	280,000	3,900	2,000	140.0	280,000
Napa	---	---	---	---	---	---	---	---
San Benito	1,400	---	---	---	1,000	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	300	---	---	---	600	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	100	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	600	---	--	---
Sonoma	500	---	---	---	300	---	---	---
	9,900	6,500	125.1	813,200	14,200	9,100	132.2	1,203,000
Butte	4,500	3,700	137.8	510,000	5,000	4,000	135.0	540,000
Colusa	9,000	7,500	140.0	1,050,000	30,000	25,000	136.0	3,400,000
Glenn	10,200	8,000	124.0	992,000	10,000	7,000	128.0	896,000
Sacramento	56,000	50,000	134.0	6,700,000	68,000	56,000	132.0	7,392,000
Solano	28,500	28,000	138.0	3,865,200	58,000	50,000	132.0	6,600,000
Sutter	8,500	6,500	125.0	812,500	8,000	7,000	128.0	896,000
Tehama	1,500	1,100	111.0	122,100	2,000	1,000	110.0	110,000
Yolo	37,500	36,000	140.0	5,040,000	48,000	41,000	132.0	5,412,000
Yuba	2,400	1,200	127.5	153,000	3,000	300	110.0	33,000
	158,100	142,000	135.5	19,244,800	232,000	191,300	132.1	25,279,000
Fresno	17,200	6,500	90.0	585,000	18,000	6,000	100.0	600,000
Kern	10,000	2,000	100.0	200,000	11,000	2,200	95.0	209,000
Kings	22,200	10,300	107.6	1,108,000	24,000	15,000	90.0	1,350,000
Madera	13,400	7,200	100.0	720,000	12,200	8,000	120.0	960,000
Merced	38,000	9,000	125.0	1,125,000	42,000	10,000	121.0	1,210,000
San Joaquin	90,000	66,000	139.0	9,174,000	98,000	68,000	142.0	9,656,000
Stanislaus	45,000	7,500	125.0	937,500	45,000	8,200	135.0	1,107,000
Tulare	58,000	17,000	102.0	1,734,000	47,000	11,000	110.0	1,210,000
	293,800	125,500	124.2	15,583,500	297,200	128,400	127.0	16,302,000
Alpine	---	---	---	---	---	---	---	---
Amador	400	400	128.0	51,200	400	400	125.0	50,000
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	100	100	133.0	13,300	---	---	---	---
Sierra	100	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	600	500	129.0	64,500	400	400	125.0	50,000
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	900	100	120.0	12,000	500	---	---	---
San Bernardino	1,800	---	---	---	1,700	---	---	---
San Diego	500	---	---	---	600	---	---	---
Santa Barbara	1,000	---	---	---	700	---	---	---
Ventura	---	---	---	---	---	---	---	---
	4,200	100	120.0	12,000	3,500	---	---	---
STATE	470,000	275,000	130.0	35,750,000	550,000	330,000	130.0	42,900,000

CALIFORNIA CORN: Acreage, yield, and production, by counties, 1983-84

County	1983				1984			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	500	---	---	---	600	---	---	---
Mendocino	---	---	---	---	100	---	---	---
	500	---	---	---	700	---	---	---
Shasta	---	---	---	---	300	---	---	---
Siskiyou	500	---	---	---	400	---	---	---
Trinity	---	---	---	---	---	---	---	---
	500	---	---	---	700	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	3,000	3,000	128.0	384,000	5,000	5,000	125.0	625,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	3,000	2,000	138.0	276,000	3,000	2,000	140.0	280,000
Napa	---	---	---	---	---	---	---	---
San Benito	500	---	---	---	2,000	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	100	---	---	---
San Mateo	---	---	---	---	100	100	110.0	11,000
Santa Clara	500	---	---	---	1,200	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	500	---	---	---	1,000	100	130.0	13,000
	7,500	5,000	132.0	660,000	12,400	7,200	129.0	929,000
Butte	4,000	3,500	120.0	420,000	3,000	3,000	125.0	375,000
Colusa	11,000	11,000	122.0	1,342,000	23,000	23,000	135.0	3,105,000
Glenn	9,000	8,500	130.0	1,105,000	12,000	11,000	135.0	1,485,000
Sacramento	58,000	48,000	132.0	6,336,000	68,000	59,000	142.5	8,410,000
Solano	52,000	50,000	132.3	6,615,000	52,000	50,000	140.0	7,000,000
Sutter	9,000	6,500	118.0	767,000	11,000	10,000	130.0	1,300,000
Tehama	1,000	1,000	150.0	150,000	1,000	1,000	150.0	150,000
Yolo	26,000	26,000	126.0	3,276,000	37,000	37,000	145.0	5,365,000
Yuba	2,000	500	110.0	55,000	3,000	1,000	120.0	120,000
	172,000	155,000	129.5	20,066,000	210,000	195,000	140.1	27,310,000
Fresno	16,000	5,000	98.0	490,000	21,500	11,000	120.0	1,320,000
Kern	12,000	10,000	130.0	1,300,000	10,000	7,000	130.0	910,000
Kings	22,000	11,000	110.0	1,210,000	31,000	14,000	130.0	1,820,000
Madera	12,000	7,000	110.0	770,000	14,500	11,000	104.5	1,149,000
Merced	41,000	8,000	112.0	896,000	51,000	20,000	102.0	2,040,000
San Joaquin	66,000	43,000	136.0	5,848,000	102,000	80,000	145.0	11,600,000
Stanislaus	52,000	6,000	140.0	840,000	63,000	14,000	140.0	1,960,000
Tulare	36,000	10,000	120.0	1,200,000	48,000	14,000	125.0	1,750,000
	257,000	100,000	125.5	12,554,000	341,000	171,000	131.9	22,549,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	900	900	100.0	90,000
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	300	300	120.0	36,000
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	1,200	1,200	105.0	126,000
Imperial	---	---	---	---	600	500	150.0	75,000
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	600	100	110.0	11,000
San Bernardino	1,400	---	---	---	1,700	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	1,100	---	---	---	1,100	---	---	---
Ventura	---	---	---	---	---	---	---	---
	2,500	---	---	---	4,000	600	143.3	86,000
STATE	440,000	260,000	128.0	33,280,000	570,000	375,000	136.0	51,000,000

CALIFORNIA GRAIN SORGHUM: Acreage, yield, and production, by counties, 1981-82

County	1981 Planted	1981 Harvested	1981 Yield Per Acre	1981 Production	1982 Planted	1982 Harvested	1982 Yield Per Acre	1982 Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	500	500	70.0	35,000
Contra Costa	1,200	1,000	90.0	90,000	1,200	1,000	51.0	51,000
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	500	400	85.0	34,000	500	500	86.0	43,000
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	1,700	1,400	88.6	124,000	2,200	2,000	64.5	129,000
Butte	3,400	3,000	85.0	255,000	3,000	2,500	86.0	215,000
Colusa	2,300	2,000	77.0	154,000	3,000	2,500	82.0	205,000
Glenn	3,400	3,000	68.0	204,000	4,300	3,600	75.0	270,000
Sacramento	1,200	1,000	88.0	88,000	4,000	3,600	75.0	270,000
Solano	1,700	1,500	84.0	126,000	2,300	2,000	80.0	160,000
Sutter	17,000	15,500	74.0	1,147,000	9,000	8,000	89.0	712,000
Tehama	2,200	2,000	84.0	168,000	1,500	1,000	84.0	84,000
Yolo	10,000	9,000	73.0	657,000	10,800	10,000	76.0	760,000
Yuba	1,300	1,000	70.0	70,000	1,200	1,000	70.0	70,000
	42,500	38,000	75.5	2,869,000	39,100	34,200	80.3	2,746,000
Fresno	3,200	3,000	72.0	216,000	1,200	1,000	74.0	74,000
Kern	11,000	10,500	78.0	819,000	6,200	5,500	78.0	429,000
Kings	11,000	10,400	70.0	728,000	6,800	6,000	80.0	480,000
Madera	2,700	2,500	64.0	160,000	1,500	1,000	70.0	70,000
Merced	1,100	1,000	76.0	76,000	2,000	1,700	80.0	136,000
San Joaquin	3,400	3,000	72.0	216,000	1,800	1,500	84.0	126,000
Stanislaus	1,100	1,000	70.0	70,000	700	500	80.0	40,000
Tulare	16,000	15,400	70.0	1,078,000	11,000	10,500	72.0	756,000
	49,500	46,800	71.9	3,363,000	31,200	27,700	76.2	2,111,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	2,200	2,000	92.0	184,000	2,400	2,000	84.0	168,000
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	1,000	700	70.0	49,000	2,500	2,000	50.0	100,000
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
	3,200	2,700	86.3	233,000	4,900	4,000	67.0	268,000
Other Counties a/	3,100	3,100	70.6	219,000	2,600	2,100	64.8	136,000
STATE	100,000	92,000	74.0	6,808,000	80,000	70,000	77.0	5,390,000

CALIFORNIA GRAIN SORGHUM: Acreage, yield, and production, by counties, 1983-84

County	1983 Planted	1983 Harvested	1983 Yield Per Acre	1983 Production	1984 Planted	1984 Harvested	1984 Yield Per Acre	1984 Production
	- - Acres - -		- - - Bushels - - -		- - Acres - -		- - - Bushels - - -	
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	500	500	78.0	39,000	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	---	---	---	---	---	---	---	---
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	500	500	78.0	39,000	---	---	---	---
Butte	2,600	2,200	90.0	198,000	3,200	2,700	90.0	243,000
Colusa	2,000	1,800	85.0	153,000	3,000	2,500	84.0	210,000
Glenn	2,000	1,700	85.0	144,500	2,000	1,800	85.0	153,000
Sacramento	2,800	2,300	90.0	207,000	4,000	3,500	88.0	308,000
Solano	2,000	1,700	80.0	136,000	2,200	2,000	89.0	178,000
Sutter	7,000	6,400	80.0	512,000	8,500	7,200	80.0	576,000
Tehama	500	500	87.0	43,500	600	500	90.0	45,000
Yolo	4,000	3,500	76.0	266,000	4,500	3,800	80.0	304,000
Yuba	---	---	---	---	---	---	---	---
	22,900	20,100	82.6	1,660,000	28,000	24,000	84.0	2,017,000
Fresno	2,500	2,300	75.0	172,500	2,500	2,200	80.0	176,000
Kern	7,000	6,700	80.0	536,000	7,500	6,800	80.0	544,000
Kings	2,500	2,200	75.0	165,000	3,500	2,800	75.0	210,000
Madera	1,200	900	85.0	76,500	1,200	1,000	73.0	73,000
Merced	500	500	84.0	42,000	500	500	78.0	39,000
San Joaquin	1,500	1,200	80.0	96,000	1,200	1,000	81.0	81,000
Stanislaus	500	400	80.0	32,000	500	500	80.0	40,000
Tulare	8,200	7,500	82.0	615,000	7,400	6,500	84.0	546,000
	23,900	21,700	80.0	1,735,000	24,300	21,300	80.2	1,709,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	1,000	1,000	90.0	90,000	1,100	1,100	90.0	99,000
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---
Riverside	1,000	1,000	70.0	70,000	1,200	1,200	70.0	84,000
San Bernardino	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---
	2,000	2,000	80.0	160,000	2,300	2,300	79.6	183,000
Other Counties a/	700	700	72.9	51,000	400	400	67.5	27,000
STATE	50,000	45,000	81.0	3,645,000	55,000	48,000	82.0	3,936,000

a/ Includes those counties which normally have less than 500 acres planted.

CALIFORNIA RICE: Acreage, yield, and production, by counties, 1981-82

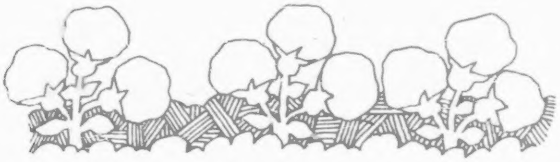
County	1981				1982			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		Pounds	Cwt.	- - - Acres - - -		Pounds	Cwt.
Butte	114,500	113,500	6,800	7,718,000	106,000	105,500	6,600	6,963,000
Colusa	146,000	144,500	6,800	9,826,000	120,000	119,500	7,100	8,485,000
Glenn	82,000	81,000	7,200	5,832,000	81,500	81,000	6,900	5,589,000
Sacramento	19,000	18,500	7,000	1,295,000	22,500	22,000	6,300	1,386,000
Sutter	102,000	101,000	7,200	7,272,000	91,500	91,000	6,900	6,279,000
Tehama	2,000	2,000	6,950	139,000	2,000	1,900	5,420	103,000
Yolo	43,500	43,000	7,100	3,053,000	36,500	36,000	6,210	2,235,000
Yuba	33,500	33,000	7,100	2,343,000	32,500	32,000	7,000	2,240,000
	542,500	536,500	6,990	37,478,000	492,500	488,900	6,810	33,280,000
Fresno	11,000	10,500	6,400	672,000	8,500	8,200	5,000	410,000
Kern	4,000	3,900	4,620	180,000	2,700	2,600	3,500	91,000
Kings	2,900	2,800	6,500	182,000	2,300	2,200	3,410	75,000
Madera	100	100	6,000	6,000	100	100	4,000	4,000
Merced	15,000	15,000	6,200	930,000	11,500	11,200	6,500	728,000
San Joaquin	7,700	7,600	6,000	456,000	6,400	6,200	6,400	397,000
Stanislaus	3,100	3,000	6,100	183,000	2,800	2,700	5,810	157,000
Tulare	1,700	1,600	5,810	93,000	3,500	3,400	4,000	136,000
	45,500	44,500	6,070	2,702,000	37,800	36,600	5,460	1,998,000
Placer	12,000	12,000	6,200	744,000	9,700	9,500	6,000	570,000
STATE	600,000	593,000	6,900	40,924,000	540,000	535,000	6,700	35,848,000

CALIFORNIA RICE: Acreage, yield, and production, by counties, 1983-84

County	1983				1984			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - - Acres - - -		Pounds	Cwt.	- - - Acres - - -		Pounds	Cwt.
Butte	61,200	61,000	7,010	4,276,000	77,200	77,000	7,020	5,405,000
Colusa	77,000	76,700	7,100	5,446,000	102,800	102,500	7,370	7,554,000
Glenn	55,300	55,000	7,380	4,059,000	65,200	65,000	7,410	4,817,000
Sacramento	10,200	10,000	6,400	640,000	12,100	12,000	6,460	775,000
Sutter	55,500	55,300	7,290	4,031,000	76,800	76,500	7,230	5,531,000
Tehama	1,700	1,700	5,410	92,000	2,800	2,800	5,680	159,000
Yolo	18,300	18,000	6,560	1,181,000	27,100	27,000	6,020	1,625,000
Yuba	19,400	19,300	7,300	1,409,000	27,700	27,500	7,370	2,027,000
	298,600	297,000	7,120	21,134,000	391,700	390,300	7,150	27,893,000
Fresno	5,000	5,000	5,580	279,000	9,000	8,900	5,700	507,000
Kern	700	700	4,710	33,000	1,200	1,200	4,420	53,000
Kings	1,000	1,000	3,500	35,000	1,000	1,000	3,800	38,000
Madera	100	100	4,000	4,000	300	200	4,500	9,000
Merced	7,100	7,000	6,990	489,000	11,800	11,600	7,050	818,000
San Joaquin	5,200	5,000	6,680	334,000	5,500	5,400	6,410	346,000
Stanislaus	2,800	2,800	6,070	170,000	2,600	2,600	6,120	159,000
Tulare	2,000	2,000	5,050	101,000	1,400	1,400	4,570	64,000
	23,900	23,600	6,120	1,445,000	32,800	32,300	6,170	1,994,000
Placer	7,500	7,400	6,890	510,000	7,500	7,400	5,350	396,000
STATE	330,000	328,000	7,040	23,089,000	432,000	430,000	7,040	30,283,000

CALIFORNIA COTTON: Acreage, yield, and production, by counties, 1981-82

County	1981					1982				
	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales
	Planted	Harvested	Planted	Harvested		Planted	Harvested	Planted	Harvested	
	- - Acres - -		- - Pounds - -		- Bales -	- - Acres - -		- - Pounds - - -		- Bales -
Fresno	444,000	443,000	1,206	1,209	1,115,800	415,000	414,000	1,213	1,216	1,049,100
Kern	392,000	390,000	1,144	1,150	934,200	362,000	360,000	1,064	1,070	802,400
Kings	309,000	307,000	985	991	633,900	280,000	278,000	1,013	1,020	590,800
Madera	48,000	47,000	942	962	94,200	46,000	45,000	887	907	85,000
Merced	62,000	61,000	1,046	1,063	135,100	51,000	50,000	860	877	91,400
Tulare	160,000	159,000	967	973	322,200	143,000	142,000	884	890	263,400
SAN JOAQUIN VLY. TOTALS	1,415,000	1,407,000	1,098	1,104	3,235,400	1,297,000	1,289,000	1,067	1,073	2,882,100
Imperial	87,000	86,000	1,112	1,125	201,500	51,000	50,000	1,062	1,083	112,800
Riverside	35,000	34,500	1,266	1,284	92,300	30,000	29,500	1,208	1,228	75,500
SOUTHERN CA. TOTALS	122,000	120,500	1,156	1,170	293,800	81,000	79,500	1,116	1,137	138,300
Other a/	3,000	2,500	928	1,114	5,800	2,000	1,500	624	832	2,600
STATE TOTALS*	1,540,000	1,530,000	1,102	1,109	3,535,000	1,380,000	1,370,000	1,069	1,077	3,073,000



CALIFORNIA COTTON: Acreage, yield, and production, by counties, 1983-84

County	1983					1984				
	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales	Acres		Yield Per Acre		Production 480 Lb. Net Wt. Bales
	Planted	Harvested	Planted	Harvested		Planted	Harvested	Planted	Harvested	
	- - Acres - -		- - Pounds - -		- Bales -	- - Acres - -		- - Pounds - - -		- Bales -
Fresno	290,000	288,000	996	1,003	602,000	457,000	455,000	1,015	1,020	966,500
Kern	246,000	244,000	1,010	1,018	517,500	352,000	350,000	1,034	1,040	758,000
Kings	212,000	210,000	1,008	1,018	445,400	265,000	263,000	953	960	525.900
Madera	29,000	28,000	793	821	47,900	47,400	47,400	946	946	93,400
Merced	36,000	35,000	796	819	59,700	62,500	61,500	975	990	126,900
Tulare	99,000	98,000	876	885	180,700	167,000	165,000	860	870	299,200
SAN JOAQUIN VLY. TOTALS	912,000	903,000	975	985	1,853,200	1,350,900	1,341,900	984	991	2,769,900
Imperial	28,000	27,500	1,234	1,257	72,000	34,000	33,000	1,168	1,203	82,700
Riverside	19,500	19,000	1,100	1,129	44,700	25,000	25,000	1,154	1,154	60,100
SOUTHERN CA. TOTALS	47,500	46,500	1,179	1,205	116,700	59,000	58,000	1,162	1,182	142,800
Other a/	500	500	1,056	1,056	1,100	100	100	1,440	1,440	300
STATE TOTALS*	960,000	950,000	986	996	1,971,000	1,410,000	1,400,000	992	999	2,913,000

a/ San Benito and San Bernardino.

* The above totals do not include American Pima cotton.

CALIFORNIA DRY BEANS: Acreage, yield, and production, by counties, 1981-82

County	1981 Planted	1981 Harvested	1981 Yield Per Acre	1981 Production	1982 Planted	1982 Harvested	1982 Yield Per Acre	1982 Production
	- - Acres - -		Pounds	Cwt.	- - Acres - -		Pounds	Cwt.
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	7,700	7,600	2,210	167,600	6,600	5,900	2,240	132,000
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	3,800	3,600	840	30,400	4,000	3,600	810	29,300
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	11,500	11,200	1,770	198,000	10,600	9,500	1,700	161,300
Butte	6,500	6,000	1,770	106,200	3,000	2,600	1,880	48,800
Colusa	14,000	13,300	1,700	226,200	14,500	12,700	1,800	228,600
Glenn	10,000	9,100	1,650	150,000	8,300	7,500	1,620	121,500
Sacramento	1,500	1,300	1,690	22,000	600	500	1,640	8,200
Solano	16,400	15,700	1,760	277,000	12,000	10,500	1,700	178,500
Sutter	25,500	24,500	1,880	460,600	24,200	22,800	1,720	392,200
Tehama	2,000	1,800	1,780	32,000	1,200	900	1,070	9,600
Yolo	8,000	7,500	1,670	125,000	7,000	6,000	1,760	105,600
Yuba	1,800	1,500	2,000	30,000	1,300	1,100	1,450	16,000
	85,700	80,700	1,770	1,429,000	72,100	64,600	1,720	1,109,000
Fresno	12,000	11,500	1,660	190,900	14,000	12,200	1,530	186,700
Kern	8,500	8,100	1,990	161,200	11,500	10,000	1,920	192,000
Kings	2,200	2,000	1,600	32,000	1,300	1,000	1,800	18,000
Madera	7,000	6,600	1,830	120,800	8,500	7,000	2,260	158,200
Merced	10,200	9,400	1,810	170,500	9,200	8,000	1,980	158,400
San Joaquin	30,700	29,200	1,920	560,500	38,500	34,000	1,600	544,000
Stanislaus	37,000	35,700	1,950	695,800	38,500	34,000	1,760	598,400
Tulare	12,000	11,600	1,800	208,800	15,500	13,700	1,630	223,300
	119,600	114,100	1,880	2,140,500	137,000	119,900	1,730	2,079,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	1,100	1,100	1,300	14,300	1,500	1,300	1,580	20,500
Riverside	---	---	---	---	1,000	900	1,000	9,000
San Bernardino	---	---	---	---	600	500	2,400	12,000
San Diego	---	---	---	---	---	---	---	---
Santa Barbara	9,500	9,300	1,940	180,500	11,500	10,000	1,410	140,700
Ventura	6,000	6,000	1,950	116,700	3,300	3,000	1,670	50,000
	16,600	16,400	1,900	311,500	17,900	15,700	1,480	232,200
Other Counties a/	1,600	1,600	1,630	26,000	400	300	1,170	3,500
STATE	235,000	224,000	1,833	4,105,000	238,000	210,000	1,707	3,585,000

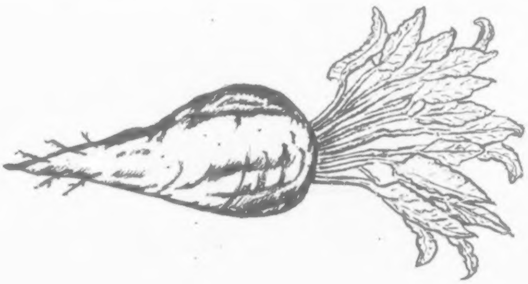
CALIFORNIA DRY BEANS: Acreage, yield, and production, by counties, 1983-84

County	1983				1984			
	Planted	Harvested	Yield Per Acre	Production	Planted	Harvested	Yield Per Acre	Production
	- - Acres - -		Pounds	Cwt.	- - Acres - -		Pounds	Cwt.
Del Norte	---	---	---	---	---	---	---	---
Humboldt	---	---	---	---	---	---	---	---
Mendocino	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Shasta	---	---	---	---	---	---	---	---
Siskiyou	---	---	---	---	---	---	---	---
Trinity	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Lassen	---	---	---	---	---	---	---	---
Modoc	---	---	---	---	---	---	---	---
Plumas	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Alameda	---	---	---	---	---	---	---	---
Contra Costa	---	---	---	---	---	---	---	---
Lake	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---
Monterey	3,100	2,900	1,920	55,700	4,800	4,600	1,800	82,700
Napa	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---
San Luis Obispo	2,500	2,300	730	16,800	1,200	1,200	780	9,300
San Mateo	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---
	5,600	5,200	1,390	72,500	6,000	5,800	1,590	92,000
Butte	2,300	2,300	1,150	26,500	5,200	5,000	1,440	72,000
Colusa	6,900	6,800	1,710	116,500	8,800	8,600	1,600	138,000
Glenn	700	700	1,860	13,000	8,300	8,000	1,440	115,500
Sacramento	---	---	---	---	1,200	1,100	1,180	13,000
Solano	3,600	3,500	1,990	69,500	6,200	6,000	1,480	88,500
Sutter	16,100	16,000	1,850	295,800	20,200	19,700	1,700	334,000
Tehama	500	500	1,700	8,500	1,300	1,100	1,330	14,600
Yolo	3,900	3,800	1,470	56,000	2,800	2,700	1,570	42,400
Yuba	---	---	---	---	1,200	1,100	1,270	14,000
	34,000	33,600	1,740	585,800	55,200	53,300	1,560	832,000
Fresno	10,500	10,400	1,780	185,500	14,000	13,500	1,640	221,000
Kern	6,500	6,400	2,070	132,500	9,500	9,300	1,560	145,000
Kings	1,800	1,800	2,060	37,000	2,400	2,200	1,590	35,000
Madera	1,500	1,400	1,610	22,500	5,000	4,800	1,940	93,000
Merced	8,300	8,200	1,730	141,500	10,700	10,500	1,800	189,000
San Joaquin	22,500	22,100	1,580	349,900	25,300	24,500	1,730	425,000
Stanislaus	30,200	29,900	1,820	544,000	38,500	36,800	1,920	706,000
Tulare	9,600	9,400	1,710	160,500	10,900	10,400	1,730	180,000
	90,900	89,600	1,760	1,573,400	116,300	112,000	1,780	1,994,000
Alpine	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---
Imperial	---	---	---	---	---	---	---	---
Los Angeles	---	---	---	---	---	---	---	---
Orange	---	---	---	---	500	500	1,500	7,500
Riverside	700	700	1,810	12,700	800	700	1,640	11,500
San Bernardino	500	400	2,000	8,000	800	700	1,240	8,700
San Diego	---	---	---	----	---	---	---	---
Santa Barbara	10,300	9,800	1,220	120,000	7,900	7,600	1,330	100,700
Ventura	3,200	3,000	900	27,000	3,100	3,000	1,550	46,600
	14,700	13,900	1,210	167,700	13,100	12,500	1,400	175,000
Other Counties a/	800	700	1,800	12,600	400	400	1,500	6,000
STATE	146,000	143,000	1,687	2,412,000	191,000	184,000	1,684	3,099,000

a/ Includes those counties which normally have less than 500 acres planted.

CALIFORNIA SUGAR BEETS: Acreage, yield, and production, by counties, 1981-82

County	1981					1982				
	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose
	- - Acres - -		- - Tons - -			- - Acres - -		- - Tons - -		
Alameda	---	---	---	---	---	---	---	---	---	---
Contra Costa	3,200	3,100	27.4	85,000	15.51	1,600	1,200	20.8	25,000	15.47
Lake	---	---	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---	---	---
Monterey	16,900	16,700	37.2	622,000	14.47	3,100	3,100	32.3	100,000	13.77
Napa	---	---	---	---	---	---	---	---	---	---
San Benito	4,500	4,400	29.1	128,000	15.46	---	---	---	---	---
San Francisco	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	1,600	1,500	21.3	32,000	14.72	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---
Santa Clara	3,300	3,300	39.1	129,000	14.67	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---	---	---
	29,500	29,000	34.3	996,000	14.72	4,700	4,300	29.1	125,000	14.11
Butte	2,800	2,700	23.0	62,000	13.58	2,200	1,900	17.9	34,000	13.79
Colusa	7,300	7,100	24.6	175,000	15.13	4,800	4,600	21.1	97,000	15.09
Glenn	6,900	6,400	22.5	144,000	14.06	5,300	4,800	23.3	112,000	13.64
Sacramento	4,300	4,300	27.9	120,000	14.73	2,500	1,800	21.1	38,000	15.62
Solano	25,800	25,400	26.2	665,000	15.64	17,000	16,300	20.3	331,000	16.69
Sutter	4,500	4,500	23.3	105,000	15.30	2,700	2,300	23.0	53,000	14.63
Tehama	---	---	---	---	---	1,400	1,200	25.8	31,000	14.40
Yolo	23,200	21,600	24.3	525,000	15.14	10,400	9,100	21.0	191,000	14.59
Yuba	---	---	---	---	---	---	---	---	---	---
	74,800	72,000	24.9	1,796,000	15.17	46,300	42,000	21.1	887,000	15.32
Fresno	23,500	23,500	29.5	693,000	14.53	17,900	17,900	29.3	525,000	14.29
Kern	18,900	18,700	26.1	488,000	14.06	11,300	11,100	25.6	284,000	13.70
Kings	1,600	1,600	31.3	50,000	14.26	1,300	1,300	22.3	29,000	14.62
Madera	6,800	6,700	25.4	170,000	12.63	3,300	3,300	24.5	81,000	12.72
Merced	20,100	20,100	26.6	535,000	15.73	20,600	20,200	22.4	453,000	15.35
San Joaquin	30,700	29,800	28.1	836,000	15.28	20,000	19,000	25.1	476,000	14.62
Stanislaus	4,400	4,200	26.4	111,000	13.95	1,700	1,300	21.5	28,000	14.98
Tulare	6,900	6,900	35.8	247,000	13.34	5,100	5,100	26.9	137,000	12.30
	112,900	111,500	28.1	3,130,000	14.64	81,200	79,200	25.4	2,013,000	14.34
Alpine	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---
Imperial	40,000	39,800	28.4	1,130,000	15.92	33,500	33,200	22.4	743,000	16.09
Los Angeles	1,900	1,900	22.6	43,000	15.70	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---	---	---
Santa Barbara	2,900	2,900	27.6	80,000	14.60	1,000	1,000	20.0	20,000	14.23
Ventura	---	---	---	---	---	---	---	---	---	---
	44,800	44,600	28.1	1,253,000	15.83	34,500	34,200	22.3	763,000	16.04
Other Counties a/	3,000	2,900	27.2	79,000	14.55	2,300	2,300	27.8	64,000	14.20
STATE	265,000	260,000	27.9	7,254,000	14.99	169,000	162,000	23.8	3,852,000	14.89



CALIFORNIA SUGAR BEETS: Acreage, yield, and production, by counties, 1983-84

County	1983					1984				
	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose	Planted	Harvested	Yield/ Acre	Production	Percent Sucrose
	- - Acres - -		- - Tons - -			- - Acres - -		- - Tons - -		
Alameda	---	---	---	---	---	---	---	---	---	---
Contra Costa	1,000	1,000	19.0	19,000	15.10	1,500	1,500	25.3	38,000	16.08
Lake	---	---	---	---	---	---	---	---	---	---
Marin	---	---	---	---	---	---	---	---	---	---
Monterey	2,100	2,000	33.0	66,000	12.92	4,600	4,500	38.9	175,000	14.22
Napa	---	---	---	---	---	---	---	---	---	---
San Benito	---	---	---	---	---	1,400	1,400	27.9	39,000	15.78
San Francisco	---	---	---	---	---	---	---	---	---	---
San Luis Obispo	---	---	---	---	---	---	---	---	---	---
San Mateo	---	---	---	---	---	---	---	---	---	---
Santa Clara	---	---	---	---	---	---	---	---	---	---
Santa Cruz	---	---	---	---	---	---	---	---	---	---
Sonoma	---	---	---	---	---	---	---	---	---	---
	3,100	3,000	28.3	85,000	13.41	7,500	7,400	34.1	252,000	14.74
Butte	1,700	1,700	15.9	27,000	14.54	4,000	3,800	21.6	82,000	16.50
Colusa	6,000	5,900	25.1	148,000	15.18	6,000	6,000	24.8	149,000	16.13
Glenn	5,000	4,600	19.6	90,000	14.10	7,800	7,700	24.3	187,000	14.20
Sacramento	2,700	2,500	24.0	60,000	15.53	6,100	5,800	22.1	128,000	14.76
Solano	21,700	21,000	23.0	482,000	16.58	23,100	23,000	24.0	552,000	15.05
Sutter	5,100	4,600	21.7	100,000	15.07	5,000	4,900	22.0	108,000	15.47
Tehama	1,600	1,600	26.9	43,000	15.10	2,300	2,000	25.0	50,000	16.50
Yolo	8,100	7,800	18.3	143,000	15.09	18,700	18,600	20.4	380,000	14.13
Yuba	---	---	---	---	---	---	---	---	---	---
	51,900	49,700	22.0	1,093,000	15.69	73,000	71,800	22.8	1,636,000	14.96
Fresno	15,300	15,000	26.1	392,000	14.80	17,800	17,700	27.6	489,000	15.75
Kern	10,600	9,900	25.3	250,000	14.47	10,200	10,100	28.1	284,000	10.68
Kings	1,300	1,200	22.5	27,000	14.68	1,700	1,700	23.5	40,000	14.50
Madera	2,400	2,400	17.5	42,000	12.49	2,700	2,700	22.2	60,000	13.50
Merced	20,900	20,100	21.3	429,000	15.83	17,000	16,900	22.8	386,000	16.00
San Joaquin	25,700	24,900	23.8	593,000	15.85	32,100	31,200	25.3	789,000	15.32
Stanislaus	1,600	1,600	17.5	28,000	13.67	3,600	3,500	23.4	82,000	13.17
Tulare	2,200	2,200	26.4	58,000	12.28	2,900	2,800	26.4	74,000	12.75
	80,000	77,300	23.5	1,819,000	15.19	88,000	86,600	25.5	2,204,000	14.71
Alpine	---	---	---	---	---	---	---	---	---	---
Amador	---	---	---	---	---	---	---	---	---	---
Calaveras	---	---	---	---	---	---	---	---	---	---
El Dorado	---	---	---	---	---	---	---	---	---	---
Inyo	---	---	---	---	---	---	---	---	---	---
Mariposa	---	---	---	---	---	---	---	---	---	---
Mono	---	---	---	---	---	---	---	---	---	---
Nevada	---	---	---	---	---	---	---	---	---	---
Placer	---	---	---	---	---	---	---	---	---	---
Sierra	---	---	---	---	---	---	---	---	---	---
Tuolumne	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---
Imperial	36,300	36,100	24.5	883,000	16.73	38,500	38,300	24.5	938,000	15.98
Los Angeles	---	---	---	---	---	---	---	---	---	---
Orange	---	---	---	---	---	---	---	---	---	---
Riverside	---	---	---	---	---	---	---	---	---	---
San Bernardino	---	---	---	---	---	---	---	---	---	---
San Diego	---	---	---	---	---	---	---	---	---	---
Santa Barbara	---	---	---	---	---	---	---	---	---	---
Ventura	---	---	---	---	---	---	---	---	---	---
	36,300	36,100	24.5	883,000	16.73	38,500	38,300	24.5	938,000	15.98
Other Counties a/	3,700	2,900	20.0	58,000	13.36	4,000	3,900	27.7	108,000	14.28
STATE	175,000	169,000	23.3	3,938,000	15.61	211,000	208,000	24.7	5,138,000	15.01

a/ Includes those counties which normally have less than 1,000 acres planted.